Quantitation Report (Qedit)

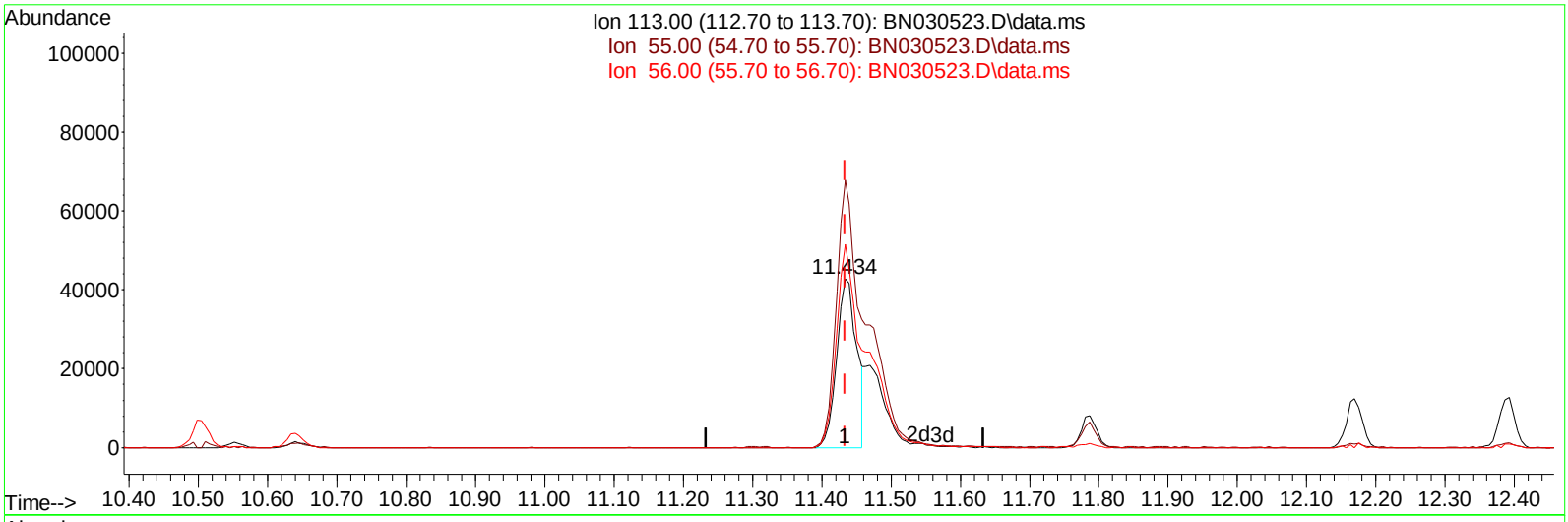
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
Data File : BN030523.D
Acq On : 28 Mar 2024 14:03
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

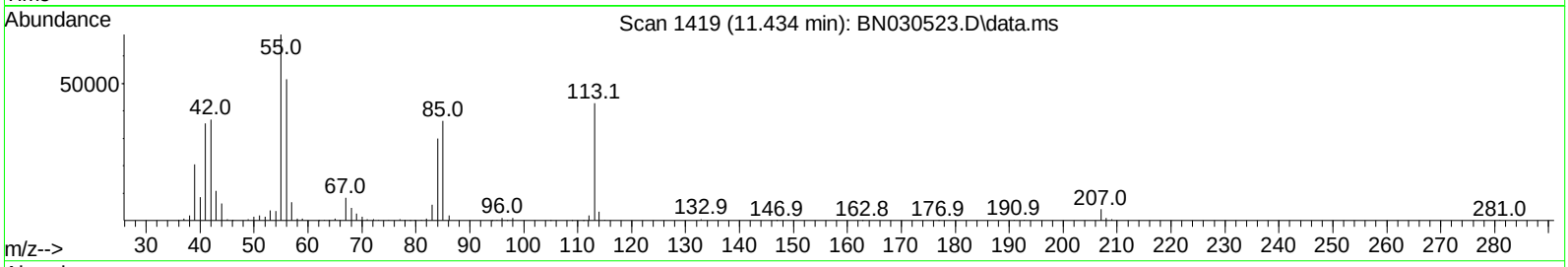
Quant Time: Mar 29 02:38:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 02:15:53 2024
Response via : Initial Calibration

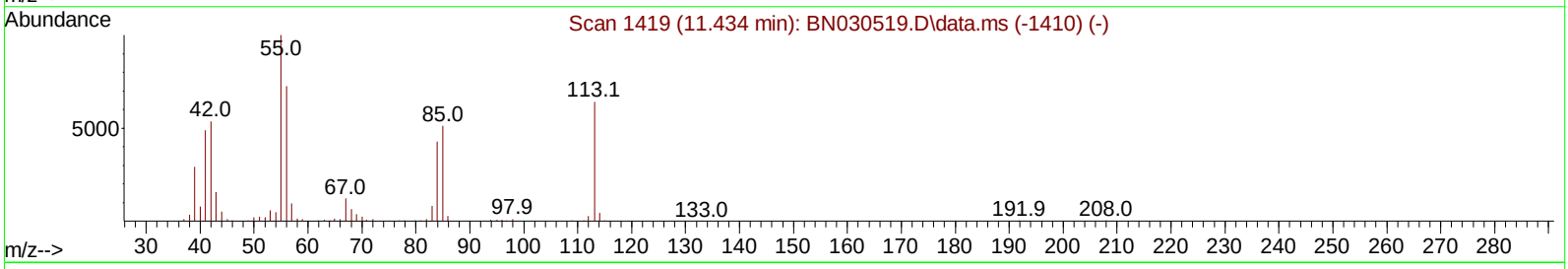
Instrument :
BNA_N
ClientSampleId :
SICV216

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024







TIC: BN030523.D\data.ms

(34) Caprolactam

11.434min (-0.000) 14.40 ng/ul

response 84967

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	158.33
56.00	113.20	120.27
0.00	0.00	0.00

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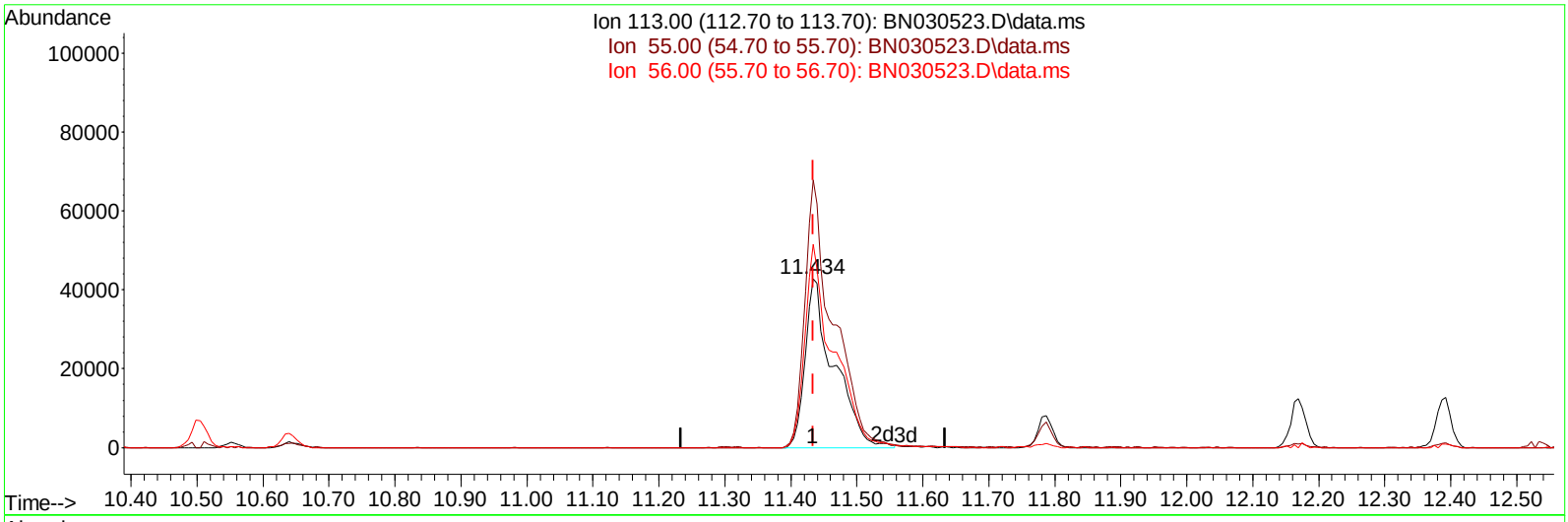

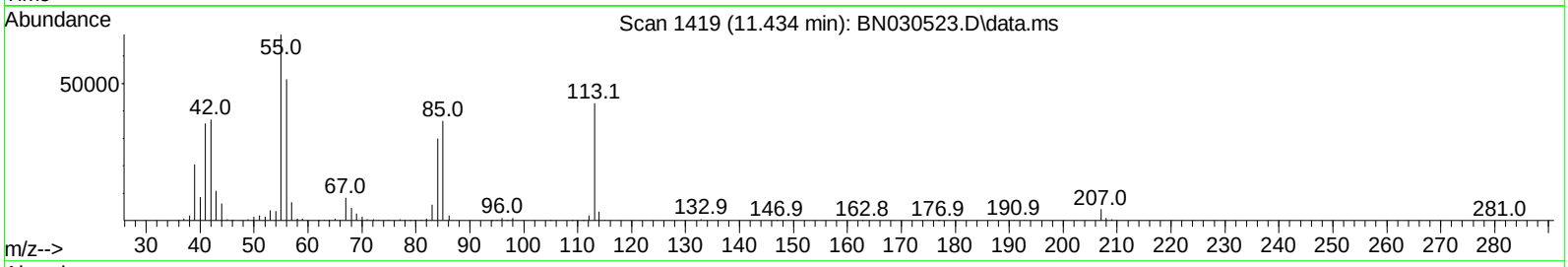

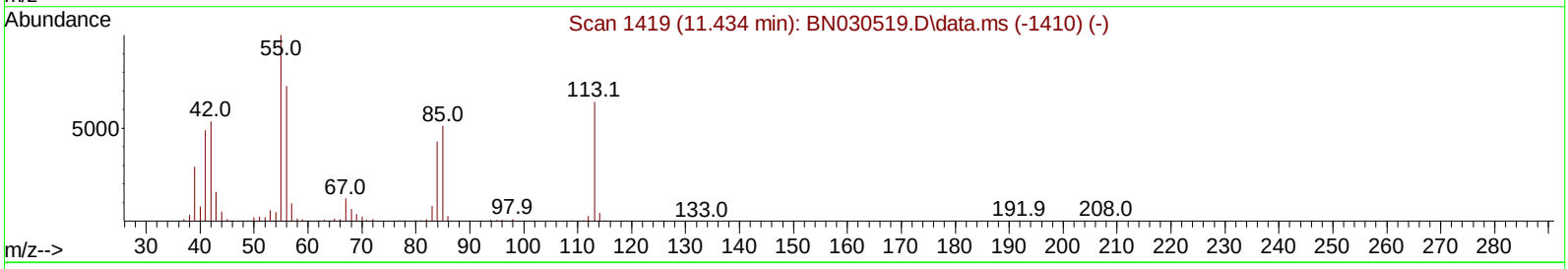

TIC: BN030523.D\data.ms

(34) Caprolactam

11.434min (-0.000) 21.99 ng/ul m

response 129762

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	158.33
56.00	113.20	120.27
0.00	0.00	0.00

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ClientSampleId :
SICV216

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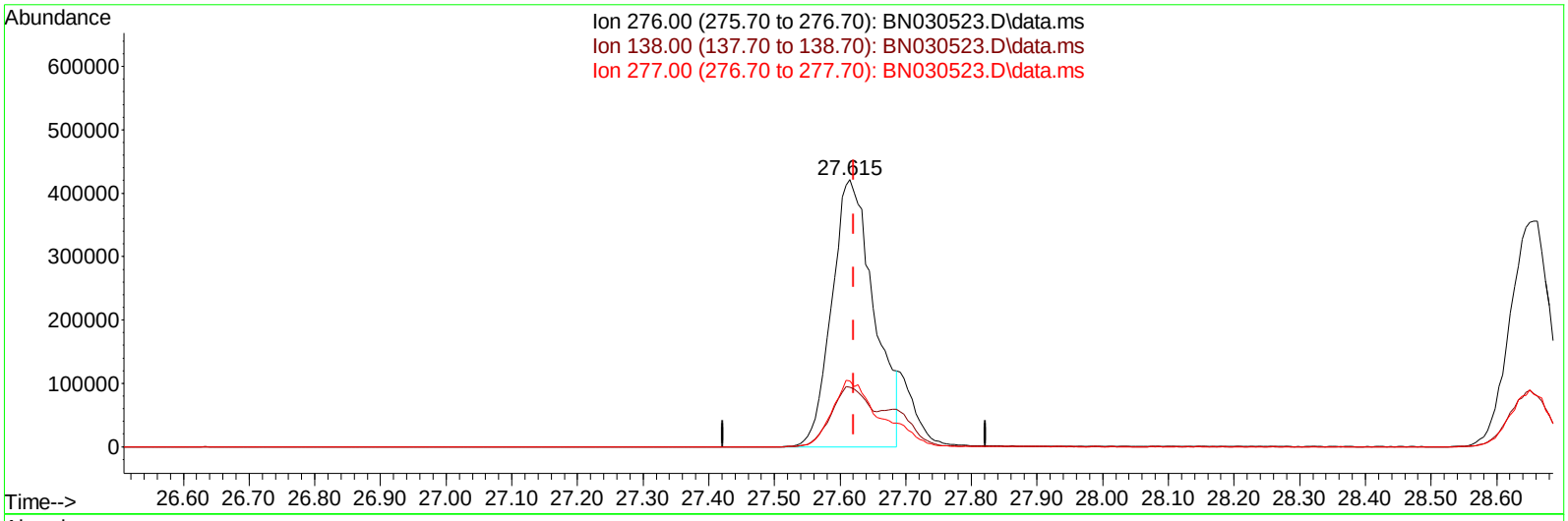

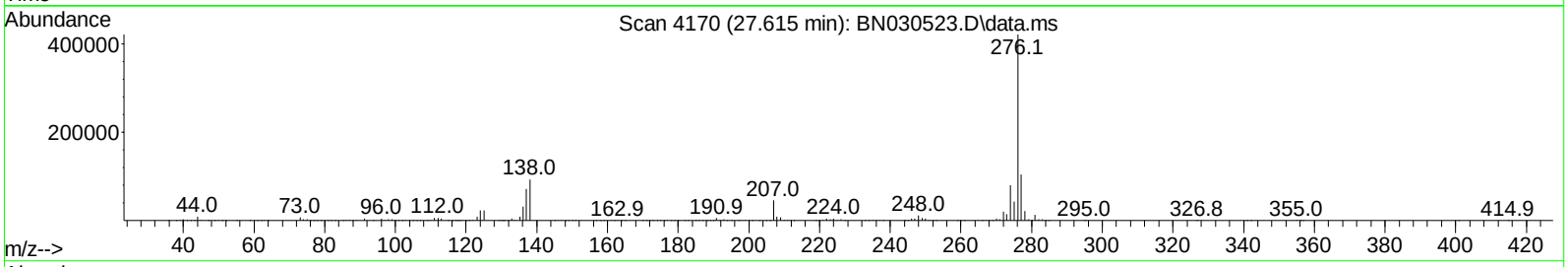

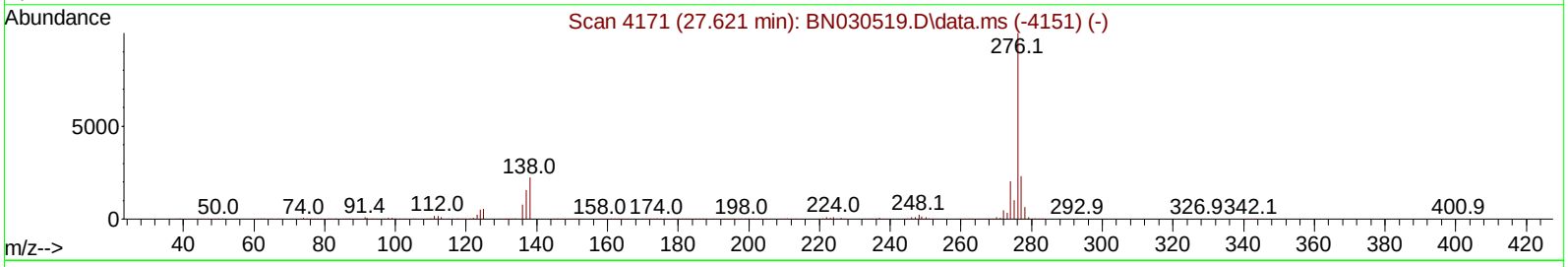

TIC: BN030523.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.615min (-0.006) 18.38 ng/ul

response 1871108

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	22.20
277.00	23.00	24.68
0.00	0.00	0.00

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Quant Time: Mar 29 02:38:19 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
SICV216

Manual IntegrationsAPPROVED

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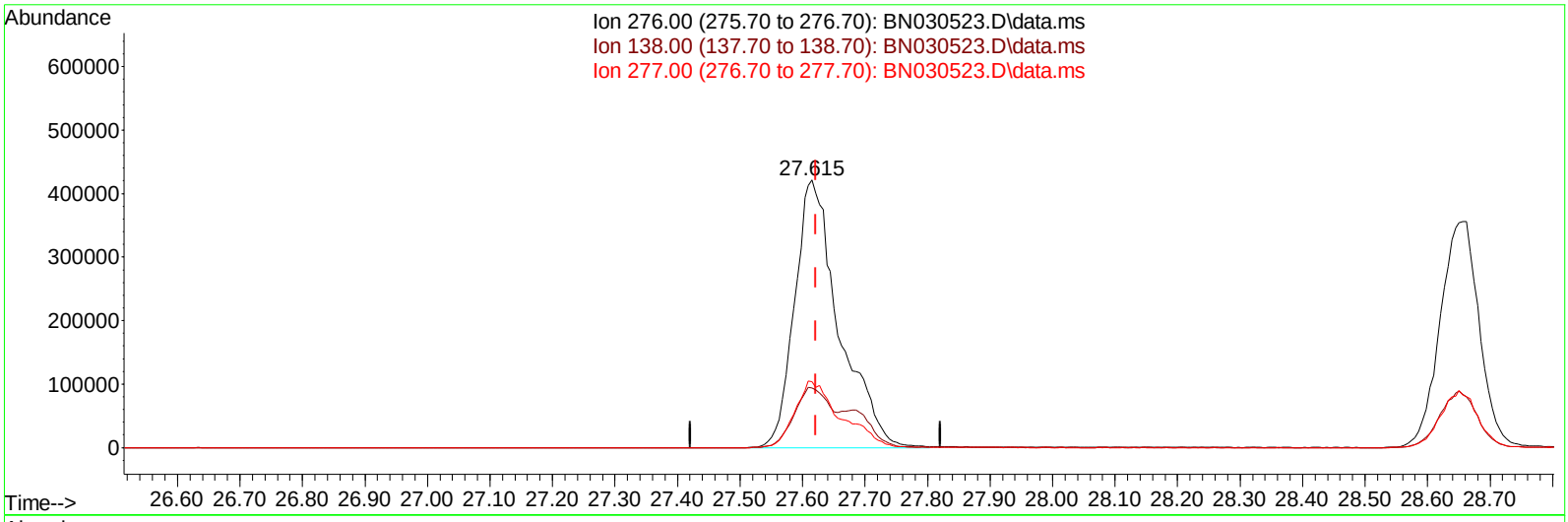

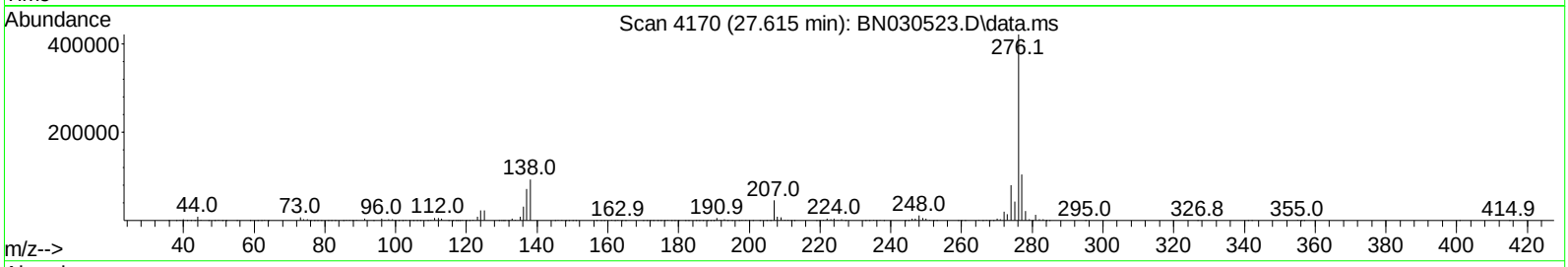

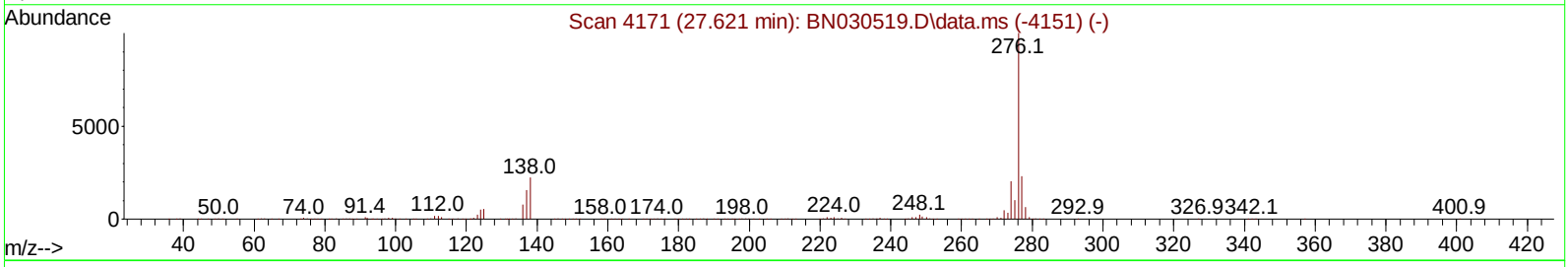

TIC: BN030523.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.615min (-0.006) 20.44 ng/ul m

response 2080347

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	22.20
277.00	23.00	24.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	232774	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	1114065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	800206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1720822	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1598062	20.000	ng/ul	0.00
88) Perylene-d12	24.298	264	1693980	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	38368	7.728	ng/uL	0.00
4) Pyridine-d5	3.616	84	309713	20.806	ng/ul	0.00
7) Phenol-d5	6.881	99	400529	21.270	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	268124	23.054	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	319025	22.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	349916	22.172	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	169149	21.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	172854	24.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	360190	23.272	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	549225	21.554	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1202780	22.513	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1365761	22.234	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	228135	22.324	ng/ul	0.00
60) Fluorene-d10	15.351	176	1029867	22.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	158021	20.804	ng/ul	0.00
73) Anthracene-d10	17.204	188	1640468	22.125	ng/ul	0.00
81) Pyrene-d10	19.498	212	1862884	21.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.098	264	1697845	21.752	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	38258	7.194	ng/uL	98
5) Pyridine	3.640	79	270117	17.983	ng/ul	98
6) Benzaldehyde	6.863	77	229735	26.198	ng/ul	99
8) Phenol	6.910	94	404247	20.607	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.152	93	332368	20.777	ng/ul	99
12) 2-Chlorophenol	7.281	128	324075	21.149	ng/ul	99
13) 2-Methylphenol	8.152	108	312181	20.652	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.240	45	457844	20.326	ng/ul	100
16) Acetophenone	8.540	105	551928	22.150	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	276930	22.067	ng/ul	99
18) 4-Methylphenol	8.481	108	359940	21.270	ng/ul	99
19) Hexachloroethane	8.793	117	132288	20.591	ng/ul	98
22) Nitrobenzene	8.916	77	383763	20.342	ng/ul	99
23) Isophorone	9.440	82	776684	20.644	ng/ul	100
25) 2-Nitrophenol	9.622	139	190016	22.869	ng/ul	97
26) 2,4-Dimethylphenol	9.681	107	309226	16.744	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	486623	20.343	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	339832	21.511	ng/ul	98
30) Naphthalene	10.551	128	1159281	20.289	ng/ul	99
32) 4-Chloroaniline	10.663	127	507501	20.666	ng/ul	97
33) Hexachlorobutadiene	10.834	225	200105	20.123	ng/ul	98
34) Caprolactam	11.434	113	129762m	21.986	ng/ul	
35) 4-Chloro-3-methylphenol	11.787	107	392904	22.081	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	848911	21.274	ng/ul	99
37) 1-Methylnaphthalene	12.392	142	790444	19.514	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	432264	20.932	ng/ul	94
40) Hexachlorocyclopentadiene	12.516	237	245493	20.933	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	282641	21.902	ng/ul	97
42) 2,4,5-Trichlorophenol	12.845	196	314733	21.596	ng/ul	93
43) 1,1'-Biphenyl	13.192	154	1149777	21.081	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	868504	20.228	ng/ul	98
45) 2-Nitroaniline	13.434	65	260096	22.763	ng/ul	96
47) Dimethylphthalate	13.822	163	1148308	20.807	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	246613	24.101	ng/ul	98
50) Acenaphthylene	14.081	152	1481382	20.872	ng/ul	99
51) 3-Nitroaniline	14.263	138	276770	25.483	ng/ul	99
52) Acenaphthene	14.422	153	940693	19.889	ng/ul	97
53) 2,4-Dinitrophenol	14.469	184	89213	18.982	ng/ul	99
55) 4-Nitrophenol	14.569	109	174923	21.605	ng/ul	100
56) Dibenzofuran	14.757	168	1379966	20.989	ng/ul	97
57) 2,4-Dinitrotoluene	14.722	165	338884	22.684	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.981	232	281551	23.262	ng/ul	99
59) Diethylphthalate	15.192	149	1167191	20.818	ng/ul	99
61) Fluorene	15.410	166	1097265	20.997	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	533778	20.819	ng/ul	99
63) 4-Nitroaniline	15.428	138	289826	27.449	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	169610	20.782	ng/ul	98
67) N-Nitrosodiphenylamine	15.622	169	993030	21.190	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	331469	20.285	ng/ul	97
69) Hexachlorobenzene	16.404	284	384905	20.004	ng/ul	99
70) Atrazine	16.575	200	347694	21.405	ng/ul	98
71) Pentachlorophenol	16.751	266	234362	20.658	ng/ul	98
72) Phenanthrene	17.145	178	1799946	20.359	ng/ul	99
74) Anthracene	17.239	178	1849901	20.698	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.145	216	437641	20.701	ng/uL	98
76) Pentachlorobenzene	14.675	250	437857	20.391	ng/uL	97
77) Carbazole	17.510	167	1726035	22.021	ng/ul	99
78) Di-n-butylphthalate	18.086	149	2089329	21.851	ng/ul	100
80) Fluoranthene	19.163	202	2117839	20.736	ng/ul	99
82) Pyrene	19.527	202	2178915	20.200	ng/ul	99
83) Butylbenzylphthalate	20.445	149	908379	22.052	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	741276	25.245	ng/ul	94
85) Benzo(a)anthracene	21.327	228	2171124	20.357	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.268	149	1381430	22.741	ng/ul	100
87) Chrysene	21.386	228	2026258	20.129	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	2201122	20.518	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2035810	20.421	ng/ul	98
91) Benzo(k)fluoranthene	23.427	252	2072871	20.474	ng/ul	97
93) Benzo(a)pyrene	24.162	252	1901299	20.189	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.615	276	2080347m	20.435	ng/ul	
95) Dibenzo(a,h)anthracene	27.686	278	1702130	19.861	ng/ul	96
96) Benzo(g,h,i)perylene	28.656	276	1554549	19.451	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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