Quantitation Report (Qedit)

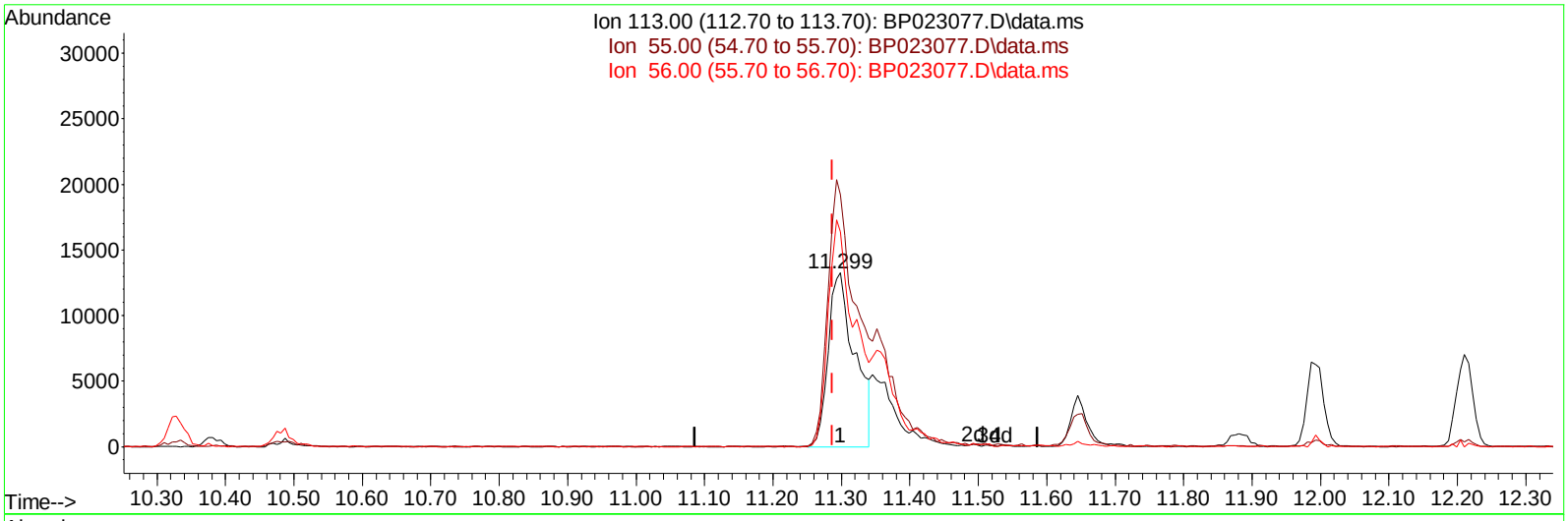
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
Data File : BP023077.D
Acq On : 13 Nov 2024 12:08
Operator : RC/JU
Sample : PB164833BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

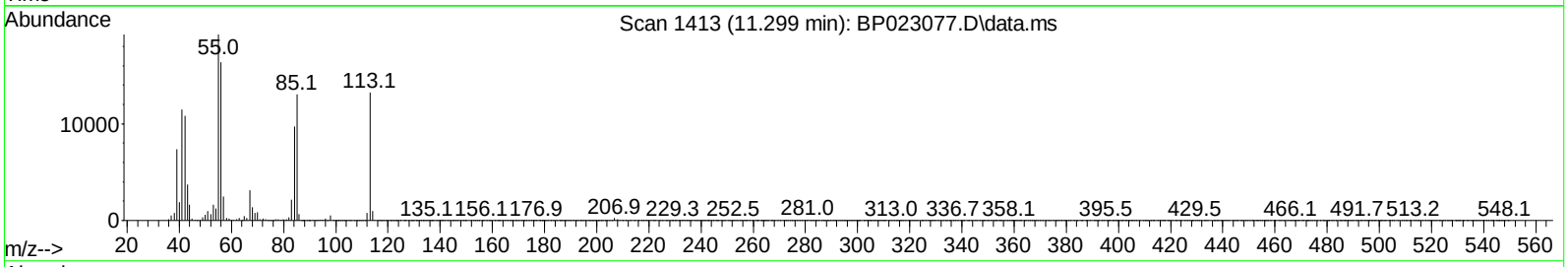
Quant Time: Nov 14 00:42:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

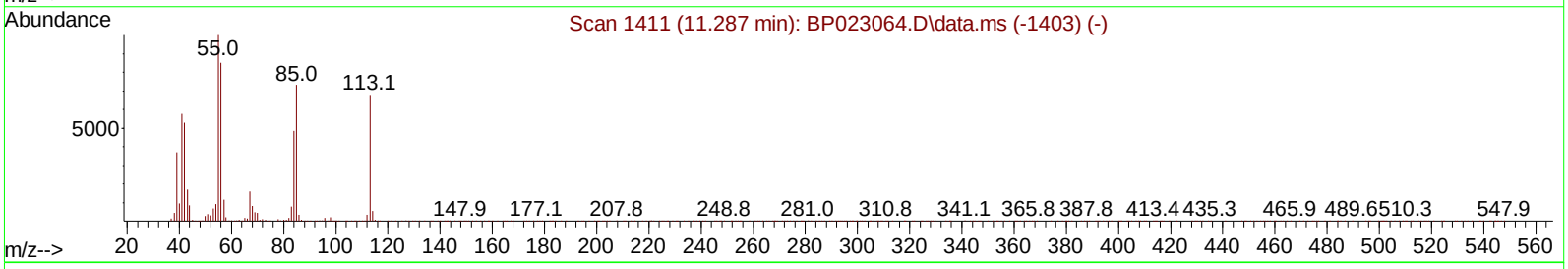
Instrument :
BNA_P
ClientSampleId :
SLCS833

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BP023077.D\data.ms

(34) Caprolactam

11.299min (+ 0.012) 23.43 ng/ul

response 35673

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	145.07
56.00	124.80	123.43
0.00	0.00	0.00

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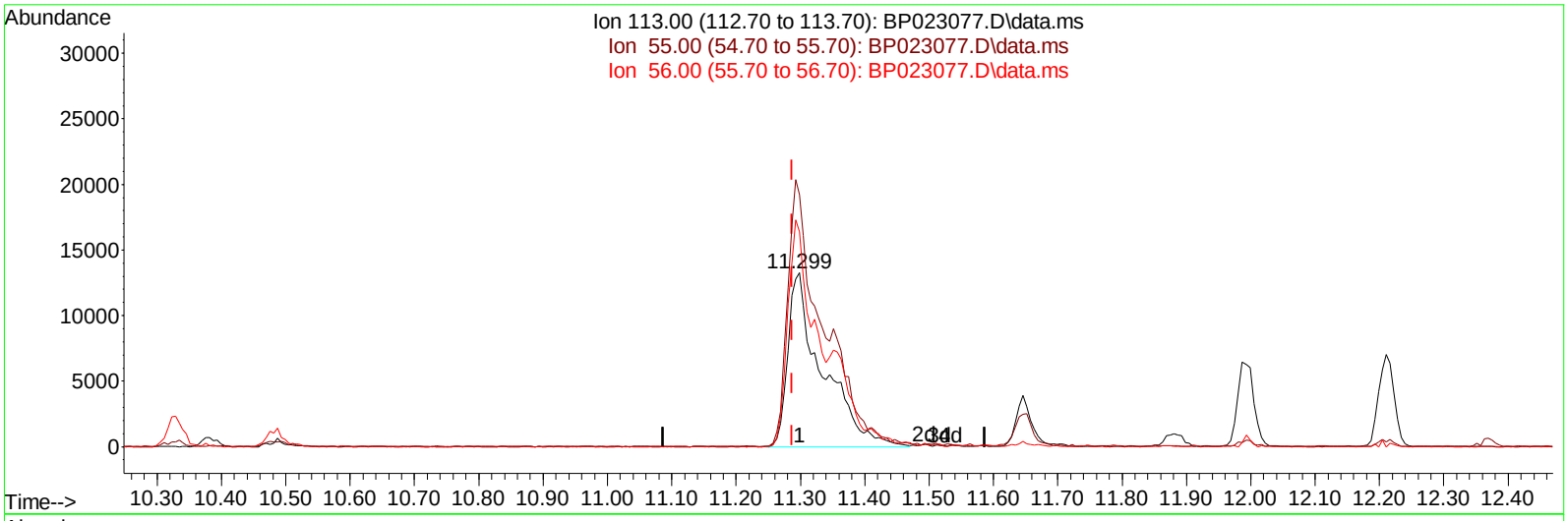

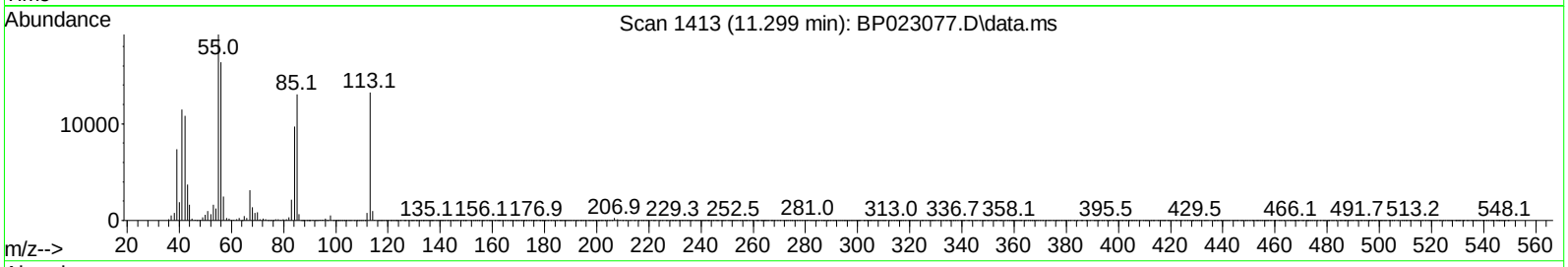

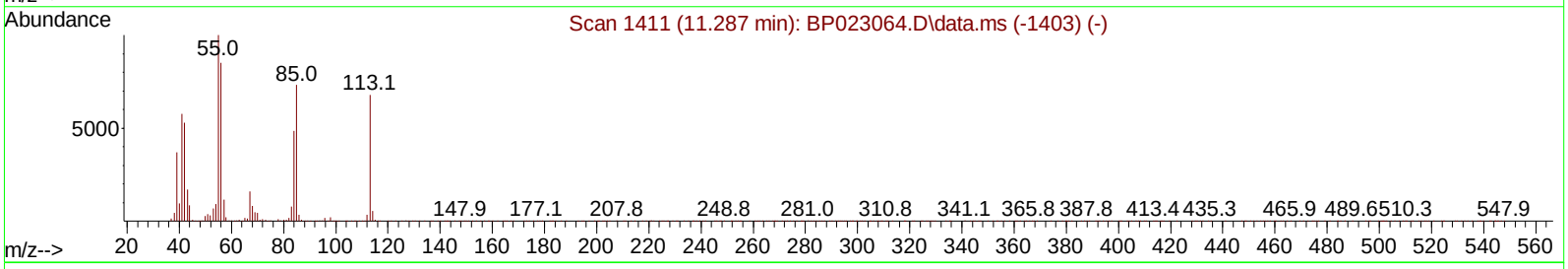

TIC: BP023077.D\data.ms

(34) Caprolactam

11.299min (+ 0.012) 32.55 ng/ul m

response 49565

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	145.07
56.00	124.80	123.43
0.00	0.00	0.00

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Misc :
ALS Vial : 42 Sample Multiplier: 1

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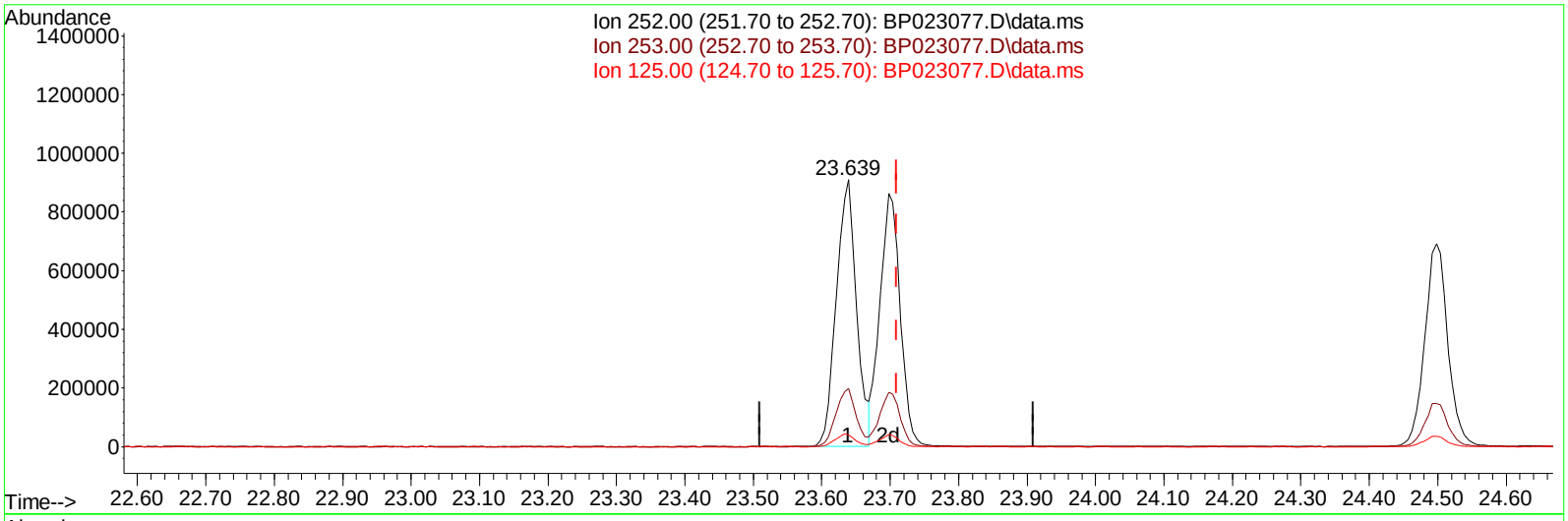

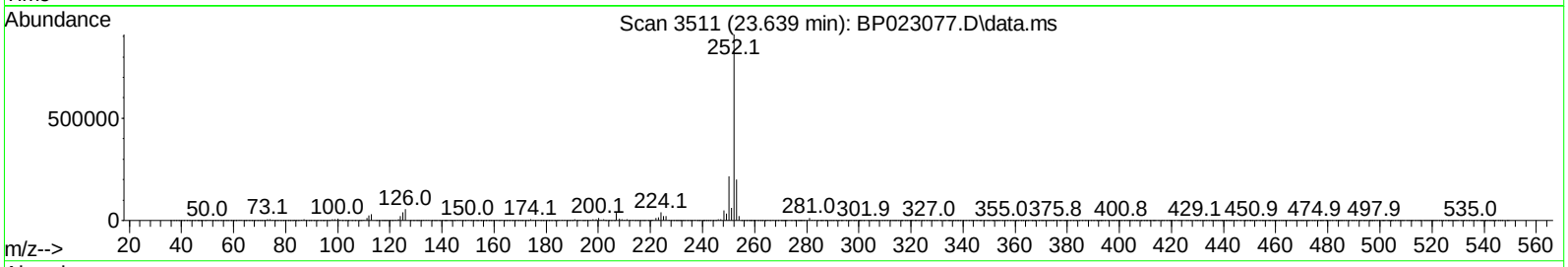

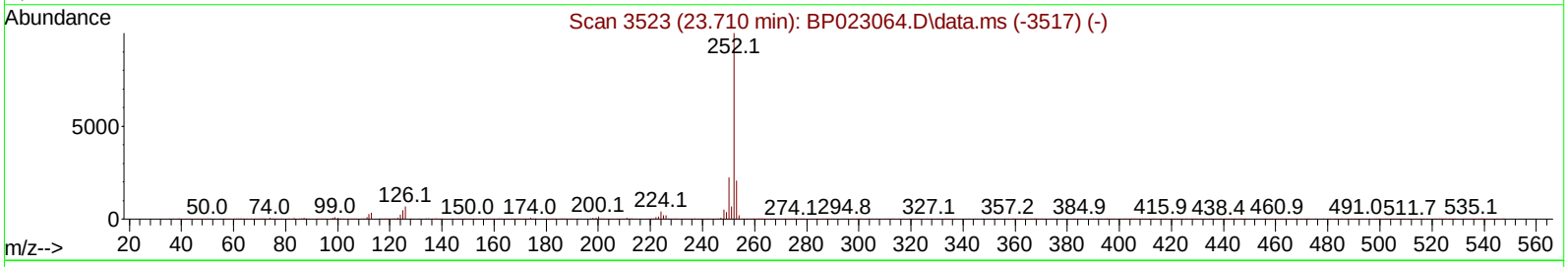

TIC: BP023077.D\data.ms

(91) Benzo(k)fluoranthene

23.639min (-0.070) 35.56 ng/ul

response 1872400

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.94
125.00	3.70	4.40
0.00	0.00	0.00

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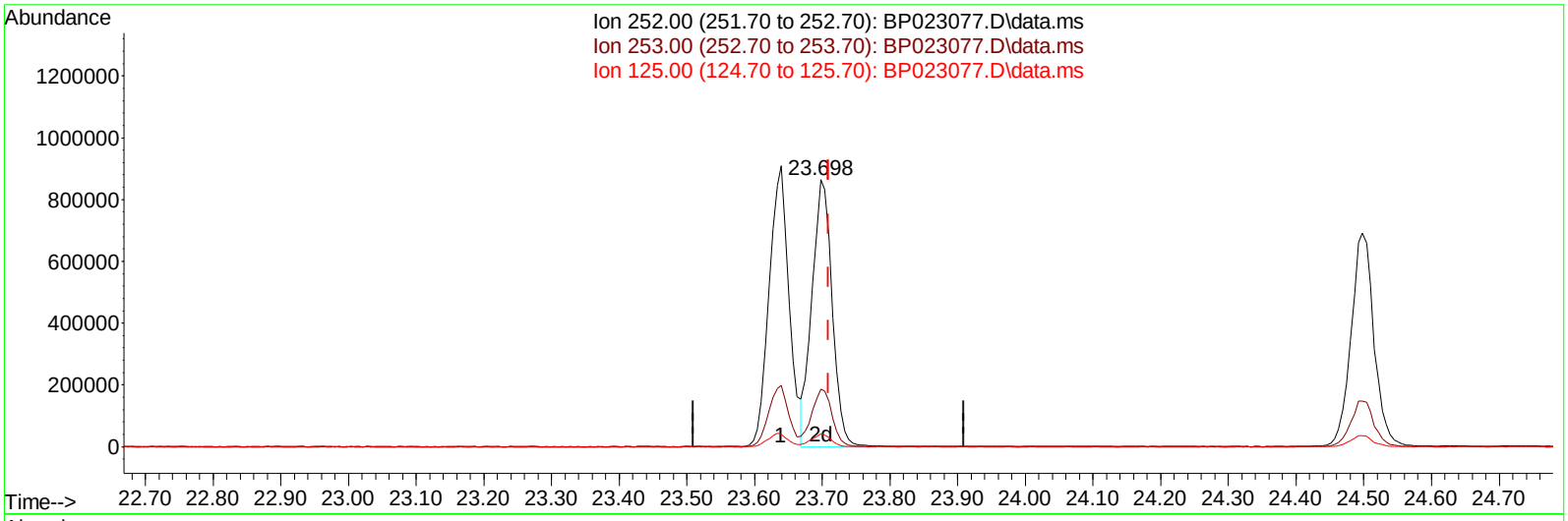

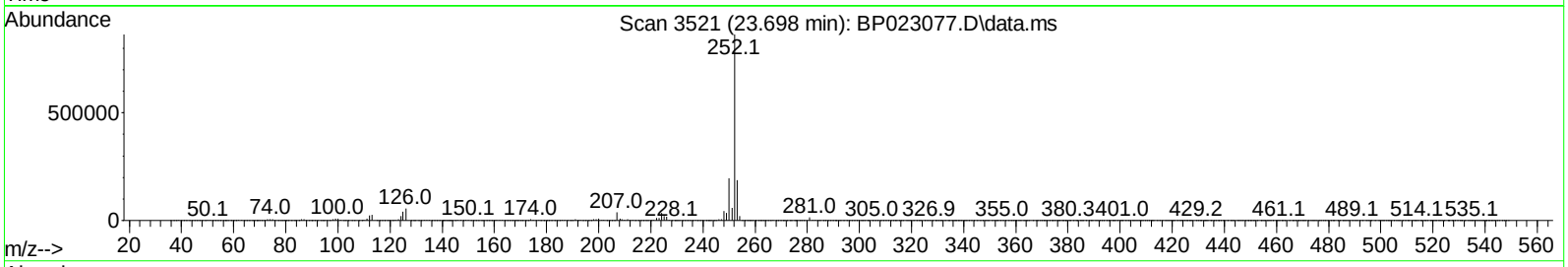

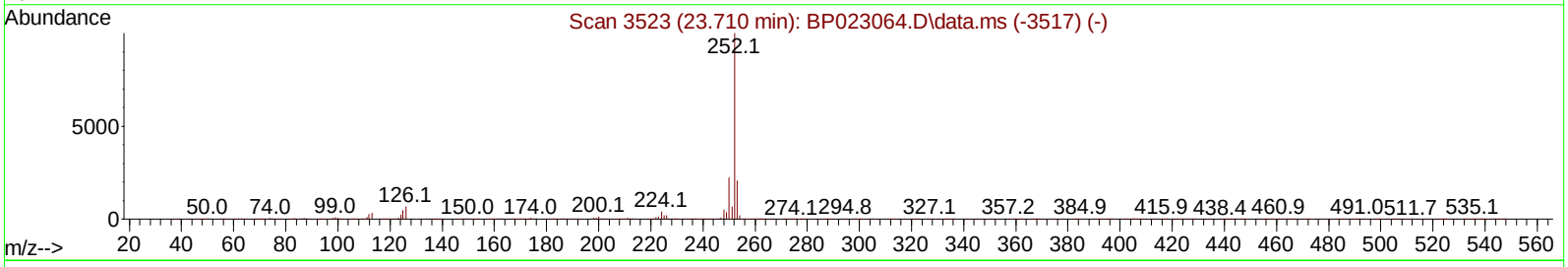

TIC: BP023077.D\data.ms

(91) Benzo(k)fluoranthene

23.698min (-0.012) 33.93 ng/ul m

response 1786720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.60
125.00	3.70	4.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	70443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	297351	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	256982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	686328	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	832812	20.000	ng/ul	-0.01
88) Perylene-d12	24.645	264	960928	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	9896	6.753	ng/uL	0.00
4) Pyridine-d5	3.552	84	133664	30.699	ng/ul	0.00
7) Phenol-d5	6.781	99	178280	34.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	102516	33.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	128120	33.590	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	146400	34.160	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	66677	32.210	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	80375	32.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	174029	33.673	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	173482	28.137	ng/ul	0.00
46) Dimethylphthalate-d6	13.599	166	607965	32.825	ng/ul	-0.01
49) Acenaphthylene-d8	13.887	160	653770	33.829	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.457	143	93324	33.528	ng/ul	0.00
60) Fluorene-d10	15.216	176	563330	34.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	137478	33.438	ng/ul	0.00
73) Anthracene-d10	17.098	188	977900	33.651	ng/ul	-0.02
81) Pyrene-d10	19.492	212	1304503	34.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	1589340	34.722	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	19203	11.340	ng/uL	95
5) Pyridine	3.570	79	128704	29.433	ng/ul	97
6) Benzaldehyde	6.752	77	67786	22.618	ng/ul	99
8) Phenol	6.805	94	179113	32.934	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.022	93	131231	32.111	ng/ul	98
12) 2-Chlorophenol	7.158	128	128614	32.478	ng/ul	94
13) 2-Methylphenol	8.028	108	131602	32.417	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	152942	33.059	ng/ul	97
16) Acetophenone	8.399	105	231044	32.082	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	121090	33.674	ng/ul	97
18) 4-Methylphenol	8.352	108	144650	32.259	ng/ul	99
19) Hexachloroethane	8.628	117	61343	32.030	ng/ul	99
22) Nitrobenzene	8.769	77	193988	32.659	ng/ul	96
23) Isophorone	9.287	82	339866	32.000	ng/ul	99
25) 2-Nitrophenol	9.469	139	81921	31.449	ng/ul	98
26) 2,4-Dimethylphenol	9.534	107	145917	25.941	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.758	93	186563	31.924	ng/ul	99
29) 2,4-Dichlorophenol	9.999	162	164002	32.037	ng/ul	97
30) Naphthalene	10.381	128	442809	30.653	ng/ul	99
32) 4-Chloroaniline	10.505	127	135063	22.610	ng/ul	100
33) Hexachlorobutadiene	10.652	225	140742	30.385	ng/ul	96
34) Caprolactam	11.299	113	49565m	32.551	ng/ul	
35) 4-Chloro-3-methylphenol	11.646	107	187640	34.072	ng/ul	94

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS833

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.993	142	350887	32.174	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	343607	30.819	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.369	216	264104	30.442	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	115041	25.246	ng/ul	97
41) 2,4,6-Trichlorophenol	12.628	196	156411	29.607	ng/ul	98
42) 2,4,5-Trichlorophenol	12.710	196	178006	31.255	ng/ul	95
43) 1,1'-Biphenyl	13.022	154	517326	31.416	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	421859	31.340	ng/ul	99
45) 2-Nitroaniline	13.281	65	138211	36.568	ng/ul	96
47) Dimethylphthalate	13.651	163	576910	31.584	ng/ul	100
48) 2,6-Dinitrotoluene	13.793	165	125764	35.396	ng/ul	97
50) Acenaphthylene	13.910	152	656194	33.591	ng/ul	99
51) 3-Nitroaniline	14.134	138	105330	34.418	ng/ul#	96
52) Acenaphthene	14.257	153	454734	32.063	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	78138	30.994	ng/ul	97
55) 4-Nitrophenol	14.469	109	113461	34.841	ng/ul	97
56) Dibenzofuran	14.604	168	708592	32.337	ng/ul	99
57) 2,4-Dinitrotoluene	14.593	165	196984	34.785	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.851	232	166584	29.923	ng/ul	94
59) Diethylphthalate	15.040	149	602605	33.357	ng/ul	99
61) Fluorene	15.269	166	596131	33.239	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	348957	33.044	ng/ul	97
63) 4-Nitroaniline	15.310	138	112648	39.558	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.369	198	137913	31.401	ng/ul	99
67) N-Nitrosodiphenylamine	15.481	169	519322	32.746	ng/ul	98
68) 4-Bromophenyl-phenylether	16.175	248	247449	31.839	ng/ul	99
69) Hexachlorobenzene	16.298	284	306342	31.311	ng/ul	97
70) Atrazine	16.457	200	100126	13.061	ng/ul	98
71) Pentachlorophenol	16.663	266	158189	26.042	ng/ul	98
72) Phenanthrene	17.045	178	1076666	33.225	ng/ul	99
74) Anthracene	17.134	178	1063180	32.633	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	271739	29.988	ng/uL	98
76) Pentachlorobenzene	14.528	250	310492	30.008	ng/uL	98
77) Carbazole	17.428	167	942822	33.169	ng/ul	100
78) Di-n-butylphthalate	18.016	149	1082899	34.331	ng/ul	100
80) Fluoranthene	19.145	202	1476732	33.416	ng/ul	99
82) Pyrene	19.522	202	1551751	32.685	ng/ul	100
83) Butylbenzylphthalate	20.469	149	537001	34.356	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	571276	30.559	ng/ul	100
85) Benzo(a)anthracene	21.416	228	1642252	32.294	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	741315	33.374	ng/ul	98
87) Chrysene	21.480	228	1557828	32.557	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	1277496	32.769	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1872400	35.008	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	1786720m	33.934	ng/ul	
93) Benzo(a)pyrene	24.498	252	1634359	33.803	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.286	276	2185089	32.438	ng/ul	98
95) Dibenzo(a,h)anthracene	28.339	278	1756666	32.118	ng/ul#	98
96) Benzo(g,h,i)perylene	29.409	276	1702553	33.276	ng/ul	99

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

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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