Quantitation Report (Qedit)

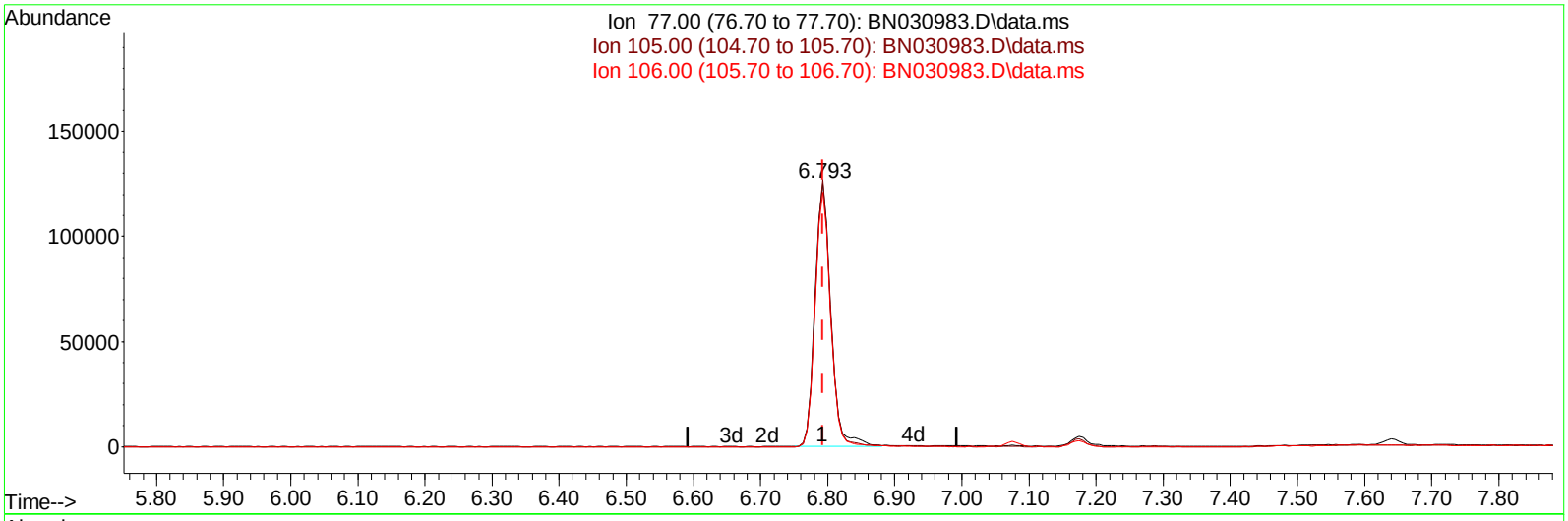
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN030983.D
Acq On : 17 Apr 2024 18:46
Operator : MA/JU
Sample : PB160253BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

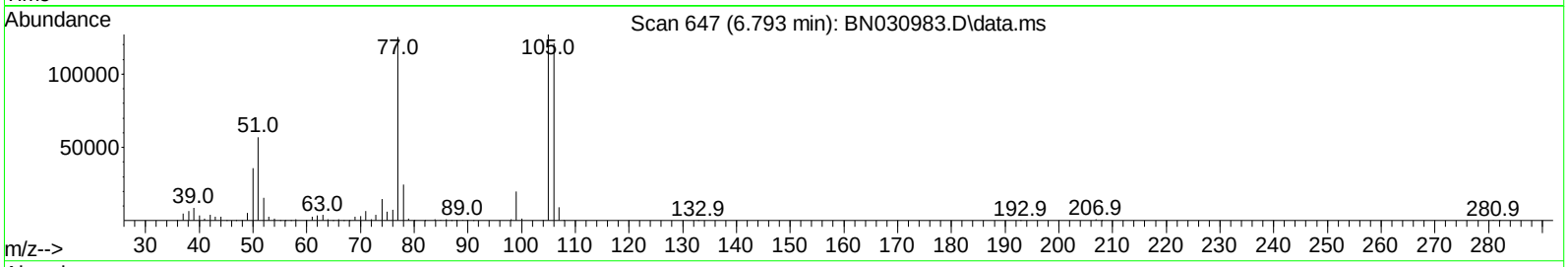
Quant Time: Apr 17 22:31:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

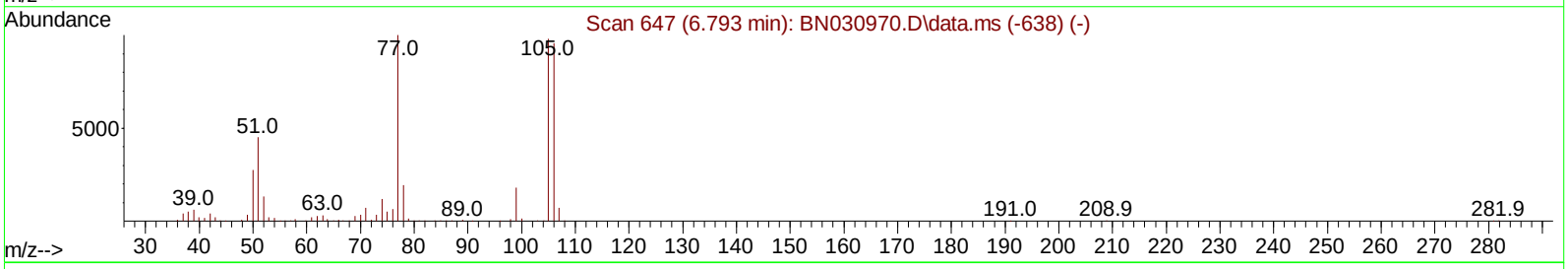
Instrument :
BNA_N
ClientSampleId :
SLCS253

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024







TIC: BN030983.D\data.ms

(6) Benzaldehyde

6.793min (-0.000) 41.68 ng/ul

response 206212

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	101.26
106.00	94.50	96.62
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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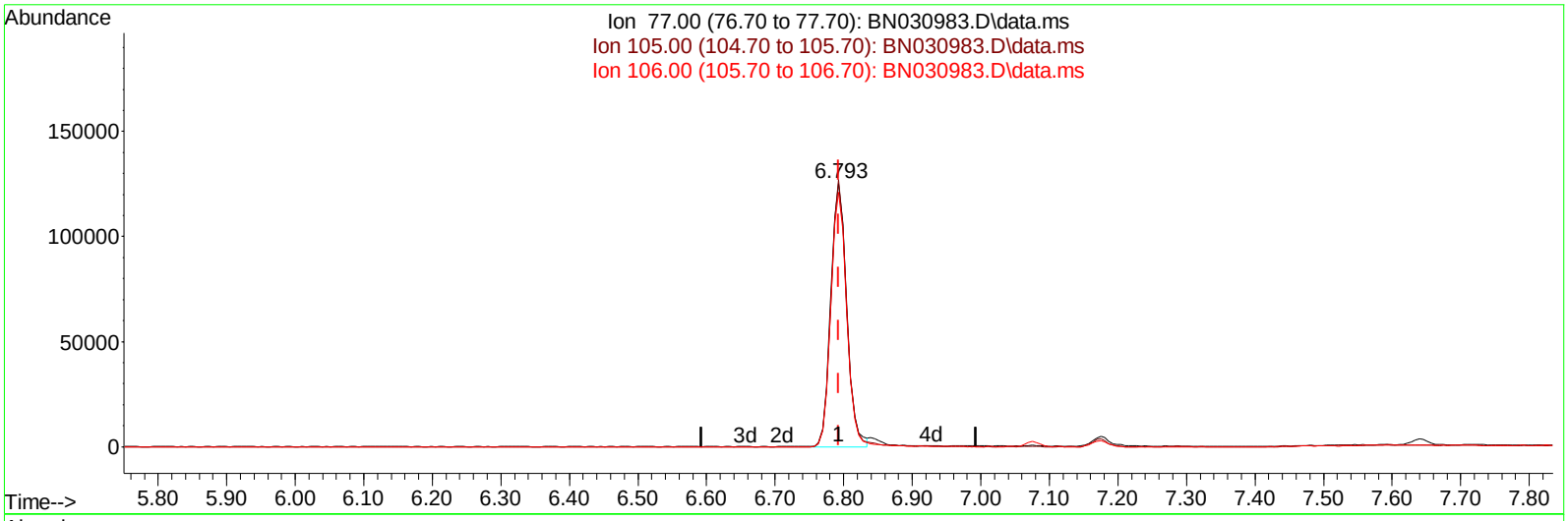

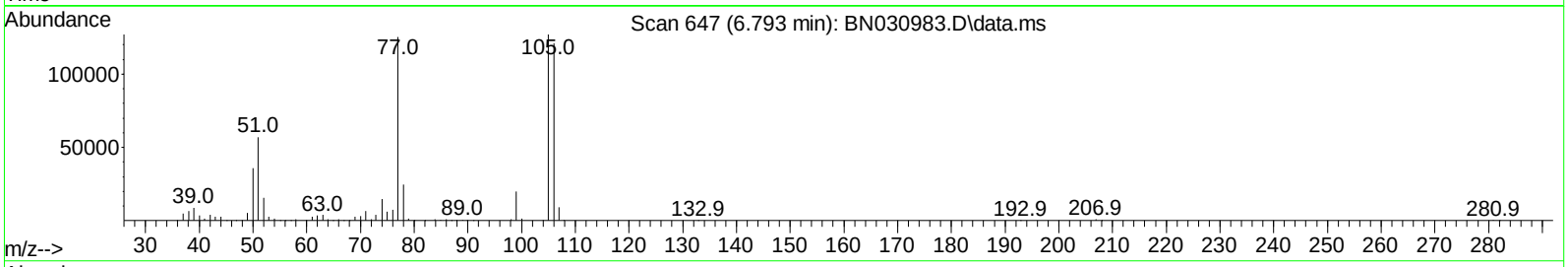

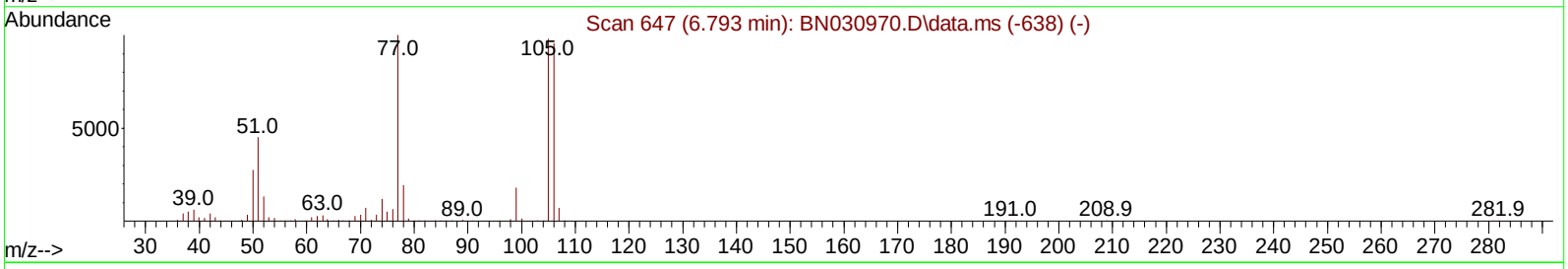

TIC: BN030983.D\data.ms

(6) Benzaldehyde

6.793min (-0.000) 41.00 ng/ul m

response 202827

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	101.26
106.00	94.50	96.62
0.00	0.00	0.00

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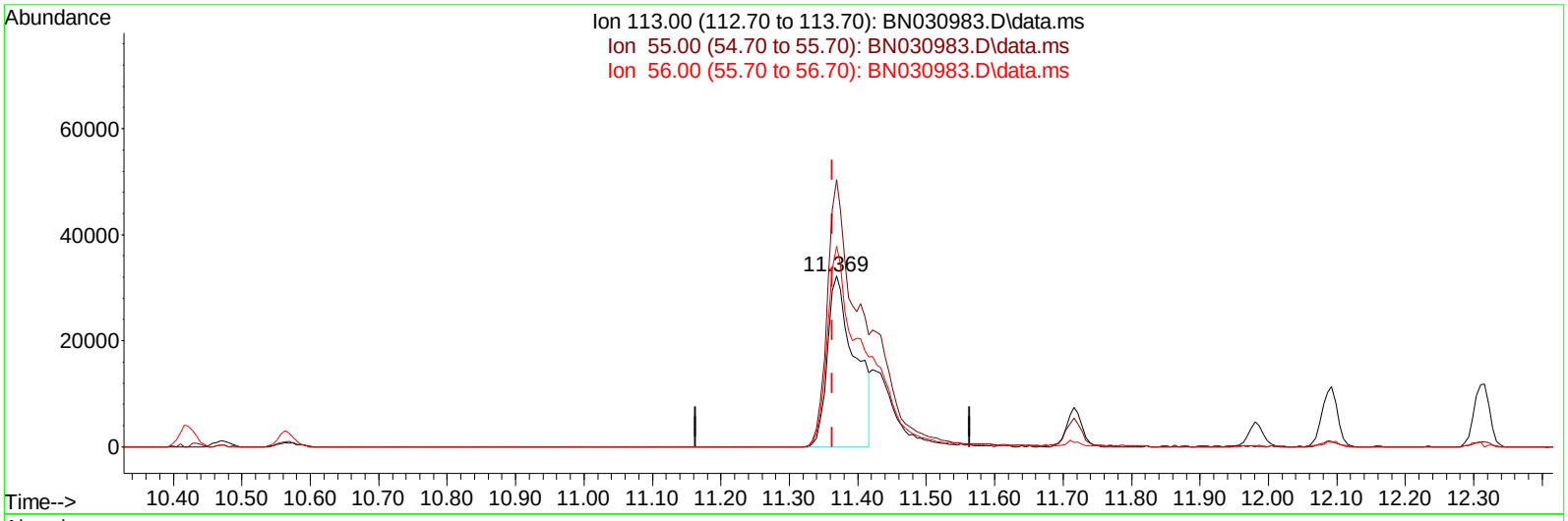

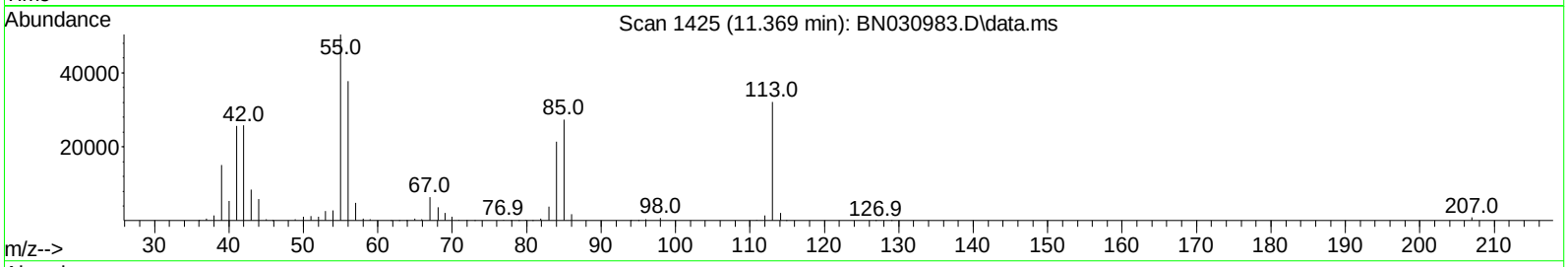

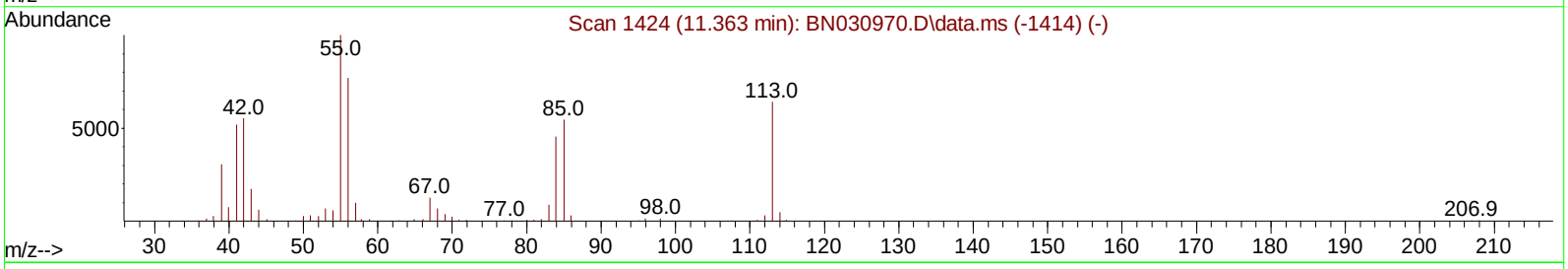

TIC: BN030983.D\data.ms

(34) Caprolactam

11.369min (+ 0.006) 27.63 ng/ul

response 88882

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	156.30
56.00	113.20	117.33
0.00	0.00	0.00

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QLast Update : Wed Apr 17 22:24:16 2024
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Instrument :
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ClientSampleId :
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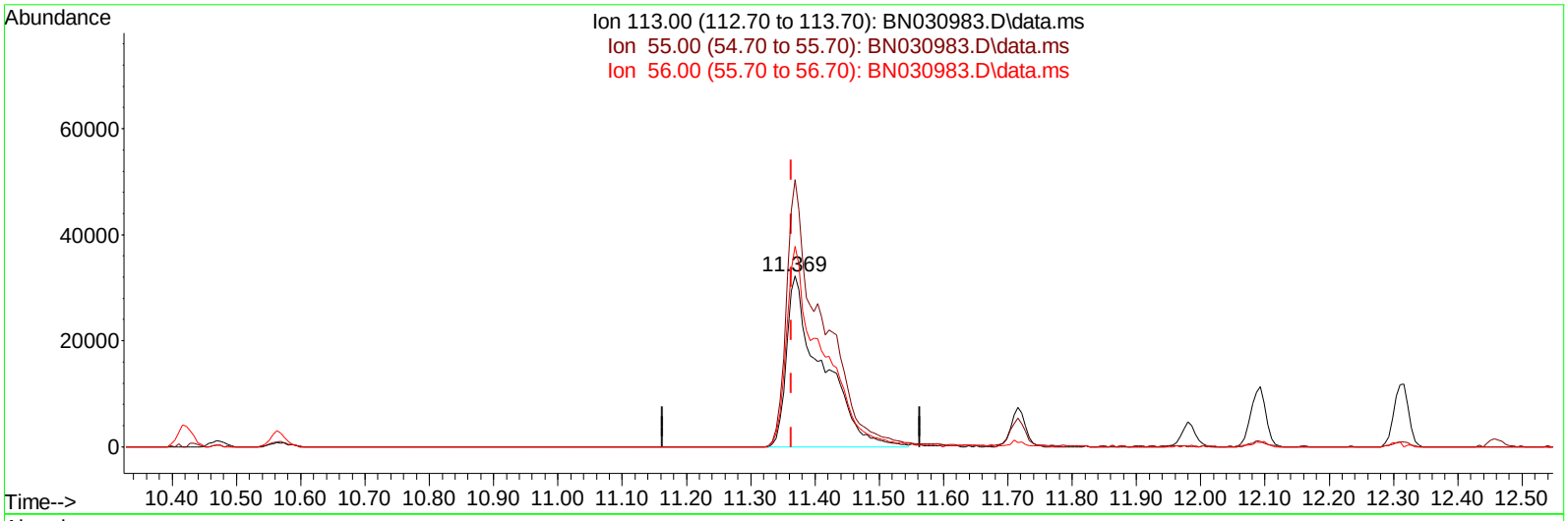

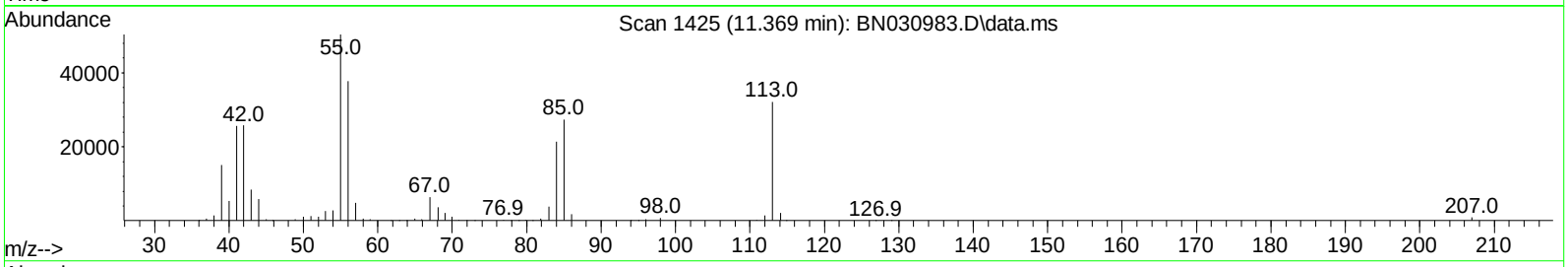

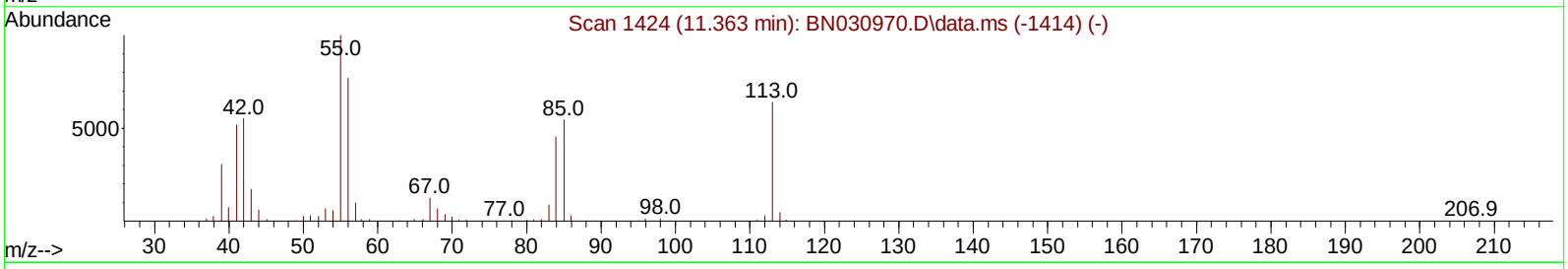

TIC: BN030983.D\data.ms

(34) Caprolactam

11.369min (+ 0.006) 38.43 ng/ul m

response 123597

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	156.30
56.00	113.20	117.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB160253BS
Misc :
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	131316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	607130	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	433517	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	972323	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	1061072	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1323556	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	23619	8.433	ng/uL	0.00
4) Pyridine-d5	3.552	84	274950	32.742	ng/ul	0.00
7) Phenol-d5	6.816	99	393282	37.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	229169	34.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	302956	37.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	319774	35.918	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	152988	36.325	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	149152	38.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	317589	37.652	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	461011	33.199	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	1076159	37.181	ng/ul	0.00
49) Acenaphthylene-d8	13.980	160	1200024	36.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	229634	41.477	ng/ul	0.00
60) Fluorene-d10	15.280	176	919152	36.289	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	164675	38.370	ng/ul	0.00
73) Anthracene-d10	17.133	188	1493793	35.657	ng/ul	0.00
81) Pyrene-d10	19.439	212	1894744	33.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2316296	37.981	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	33076	11.024	ng/uL	96
5) Pyridine	3.575	79	263096	31.049	ng/ul	97
6) Benzaldehyde	6.793	77	202827m	41.000	ng/ul	
8) Phenol	6.840	94	402668	36.387	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	305927	33.901	ng/ul	99
12) 2-Chlorophenol	7.204	128	312475	36.147	ng/ul	98
13) 2-Methylphenol	8.081	108	300205	35.204	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.163	45	415330	32.685	ng/ul	99
16) Acetophenone	8.463	105	495562	35.254	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.451	70	247687	34.985	ng/ul	98
18) 4-Methylphenol	8.410	108	345084	36.148	ng/ul	99
19) Hexachloroethane	8.710	117	121024	33.392	ng/ul	96
22) Nitrobenzene	8.839	77	352253	34.262	ng/ul	98
23) Isophorone	9.363	82	716205	34.931	ng/ul	99
25) 2-Nitrophenol	9.545	139	173433	38.301	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	296506	29.462	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.845	93	437702	33.576	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	316678	36.782	ng/ul	98
30) Naphthalene	10.469	128	1051934	33.782	ng/ul	99
32) 4-Chloroaniline	10.592	127	424207	31.698	ng/ul	98
33) Hexachlorobutadiene	10.751	225	169383	31.256	ng/ul	98
34) Caprolactam	11.369	113	123597m	38.428	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	364188	37.557	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.086	142	761045	34.997	ng/ul	98
37) 1-Methylnaphthalene	12.310	142	770611	34.909	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.463	216	379648	33.934	ng/ul	98
40) Hexachlorocyclopentadiene	12.439	237	160092	25.197	ng/ul	95
41) 2,4,6-Trichlorophenol	12.710	196	257876	36.886	ng/ul	98
42) 2,4,5-Trichlorophenol	12.780	196	291782	36.956	ng/ul	96
43) 1,1'-Biphenyl	13.116	154	995441	33.688	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	782288	33.631	ng/ul	98
45) 2-Nitroaniline	13.369	65	238521	38.532	ng/ul	97
47) Dimethylphthalate	13.751	163	1055268	35.294	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	206757	37.297	ng/ul	94
50) Acenaphthylene	14.010	152	1326864	34.508	ng/ul	99
51) 3-Nitroaniline	14.204	138	250877	42.638	ng/ul	100
52) Acenaphthene	14.351	153	855314	33.380	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	103945	40.825	ng/ul	94
55) 4-Nitrophenol	14.516	109	180214	41.085	ng/ul	97
56) Dibenzofuran	14.686	168	1240088	34.816	ng/ul	100
57) 2,4-Dinitrotoluene	14.663	165	325449	40.212	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.916	232	251164	38.304	ng/ul	96
59) Diethylphthalate	15.122	149	1100164	36.220	ng/ul	99
61) Fluorene	15.339	166	1004726	35.488	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	470360	33.863	ng/ul	96
63) 4-Nitroaniline	15.374	138	285643	49.935	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.422	198	182010	39.469	ng/ul	100
67) N-Nitrosodiphenylamine	15.557	169	903116	34.106	ng/ul	97
68) 4-Bromophenyl-phenylether	16.233	248	309123	33.480	ng/ul	98
69) Hexachlorobenzene	16.333	284	361399	33.241	ng/ul	94
70) Atrazine	16.516	200	322834	35.174	ng/ul	97
71) Pentachlorophenol	16.686	266	224381	35.004	ng/ul	95
72) Phenanthrene	17.080	178	1751550	35.062	ng/ul	100
74) Anthracene	17.168	178	1739522	34.446	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	385800	32.297	ng/uL	99
76) Pentachlorobenzene	14.604	250	373377	30.773	ng/uL	94
77) Carbazole	17.445	167	1717937	38.791	ng/ul	98
78) Di-n-butylphthalate	18.015	149	2092098	38.723	ng/ul	100
80) Fluoranthene	19.104	202	2206874	32.543	ng/ul	100
82) Pyrene	19.468	202	2344666	32.737	ng/ul	99
83) Butylbenzylphthalate	20.380	149	1029982	37.658	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	770758	39.533	ng/ul	99
85) Benzo(a)anthracene	21.256	228	2481570	35.044	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.186	149	1495637	37.081	ng/ul	98
87) Chrysene	21.315	228	2329969	34.859	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2777368	33.136	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	2757393	35.400	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2691148	34.020	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2407533	32.719	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.439	276	3568822	44.868	ng/ul	98
95) Dibenzo(a,h)anthracene	27.497	278	2834079	42.325	ng/ul#	92
96) Benzo(g,h,i)perylene	28.456	276	2766784	44.308	ng/ul	99

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

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