Quantitation Report (Qedit)

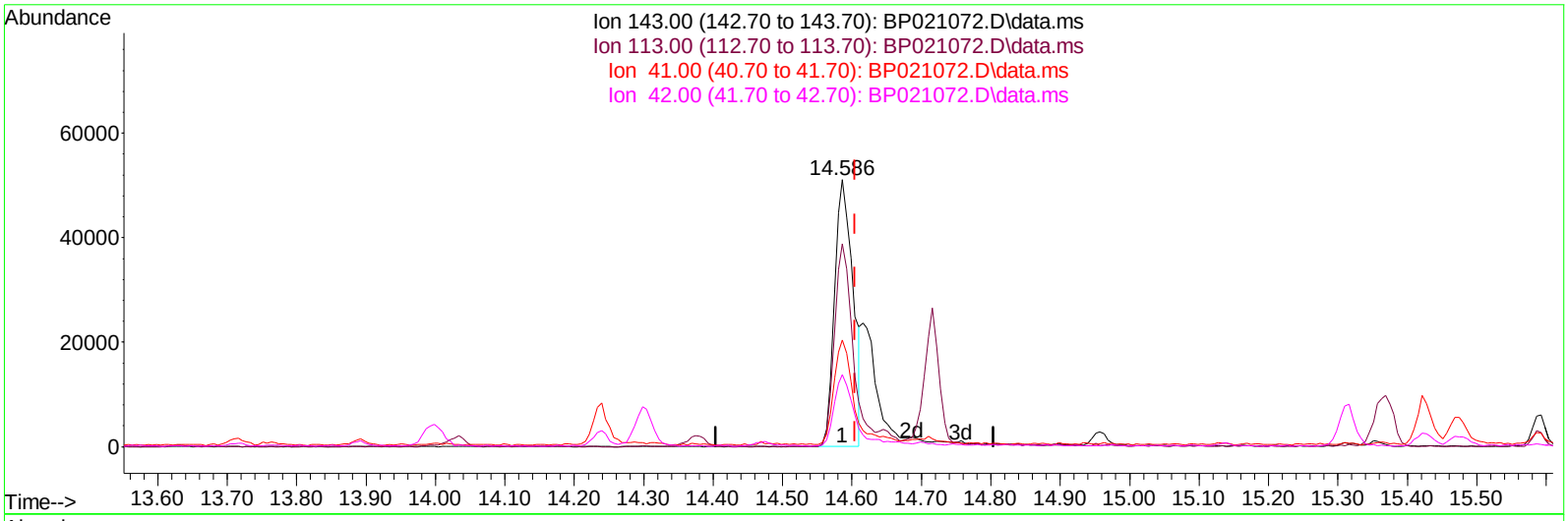
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021072.D
Acq On : 19 Jul 2024 10:42
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

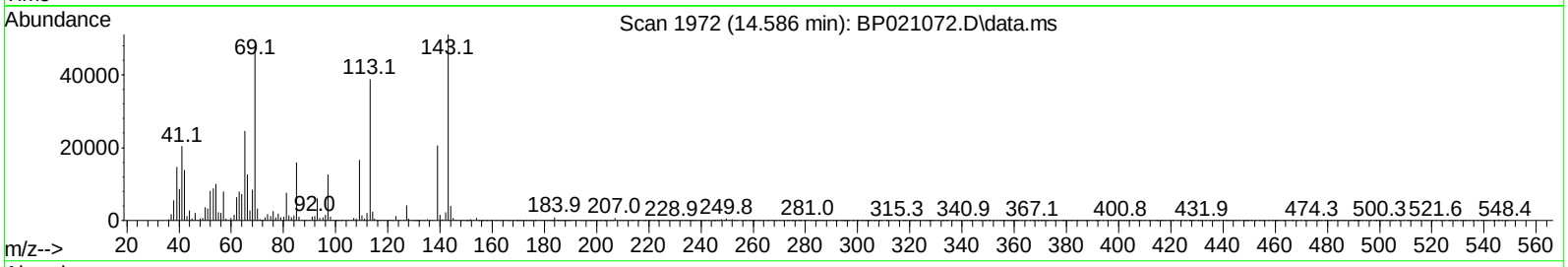
Quant Time: Jul 20 00:33:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

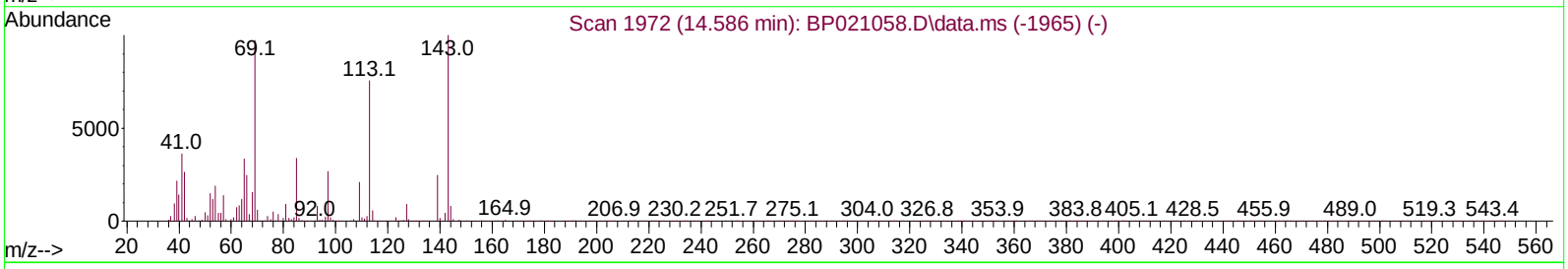
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024







TIC: BP021072.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.586min (-0.018) 19.17 ng/ul

response 95074

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.05
41.00	37.90	39.94
42.00	27.10	27.07

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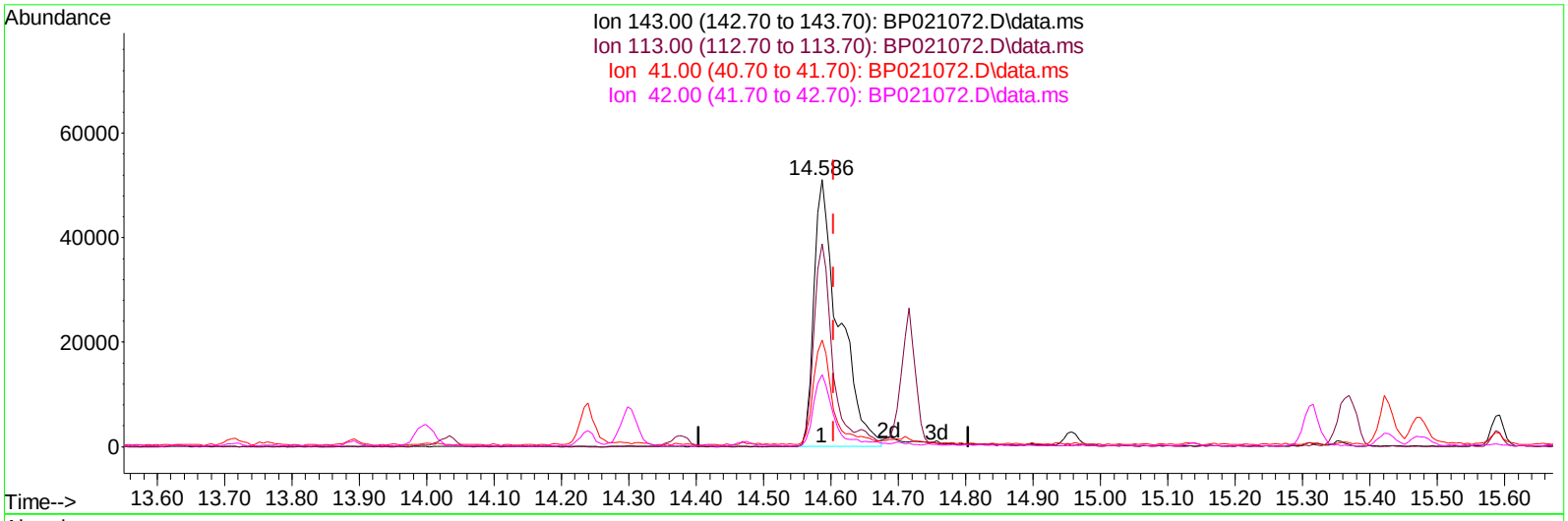

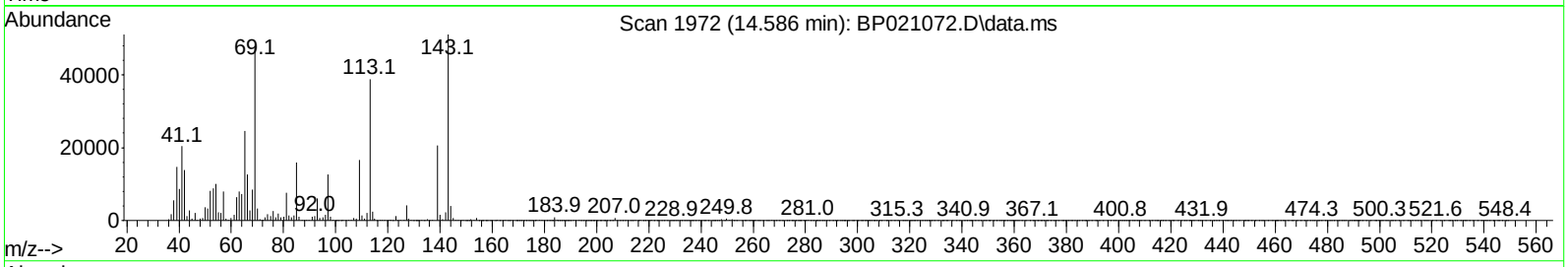

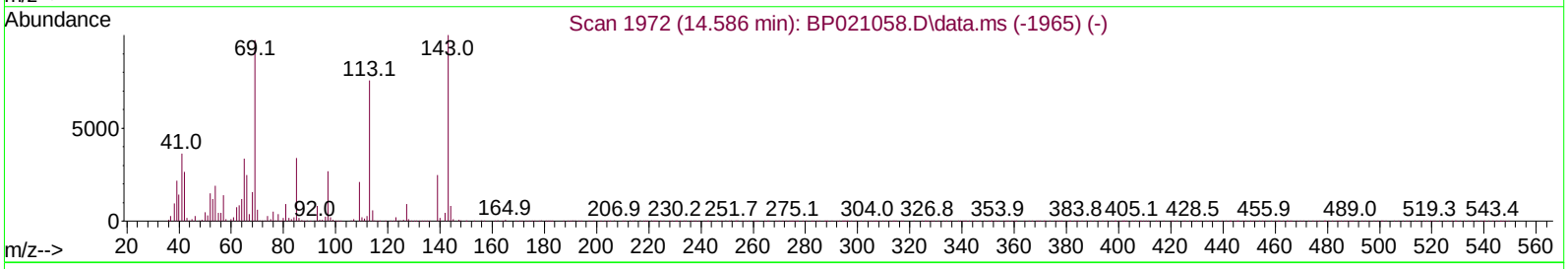

TIC: BP021072.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.586min (-0.018) 26.66 ng/ul m

response 132235

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.05
41.00	37.90	39.94
42.00	27.10	27.07

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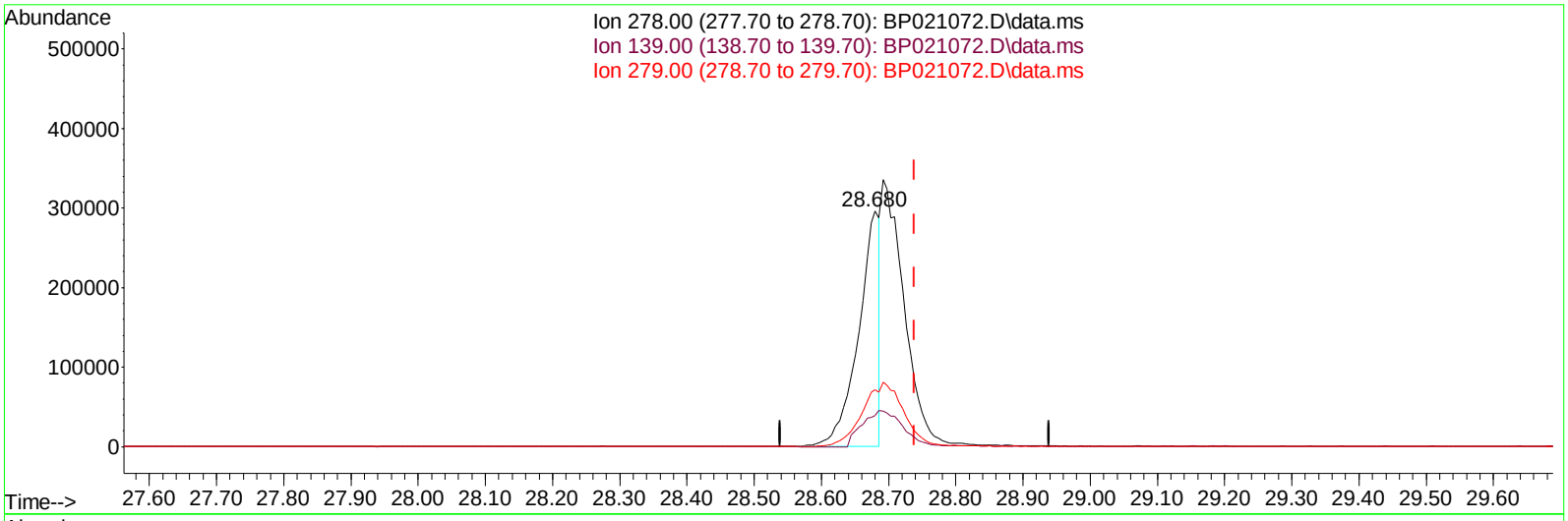

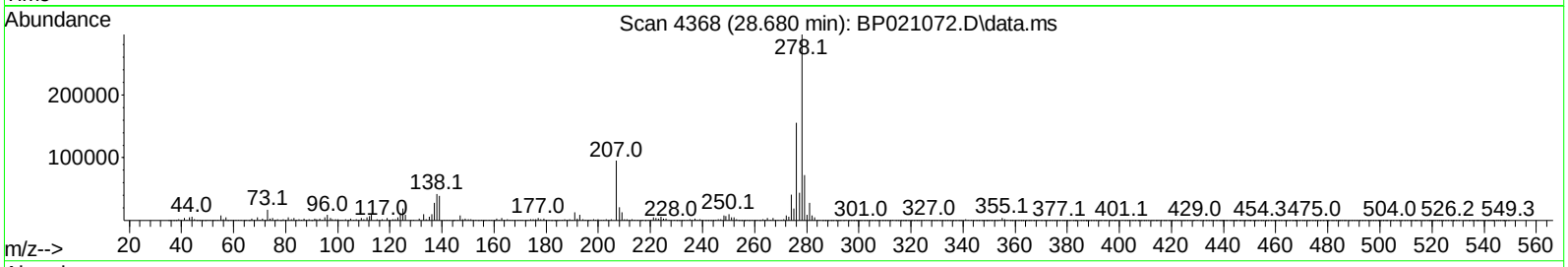

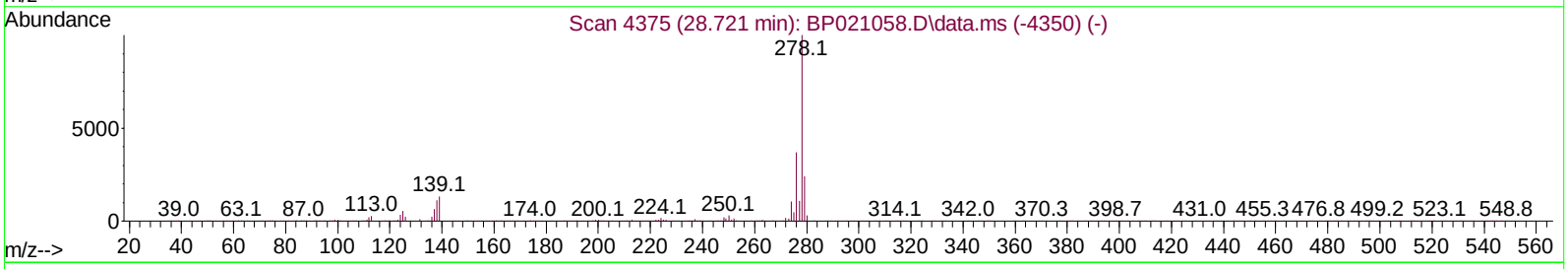

TIC: BP021072.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (-0.059) 8.24 ng/ul

response 652331

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.29
279.00	24.20	24.27
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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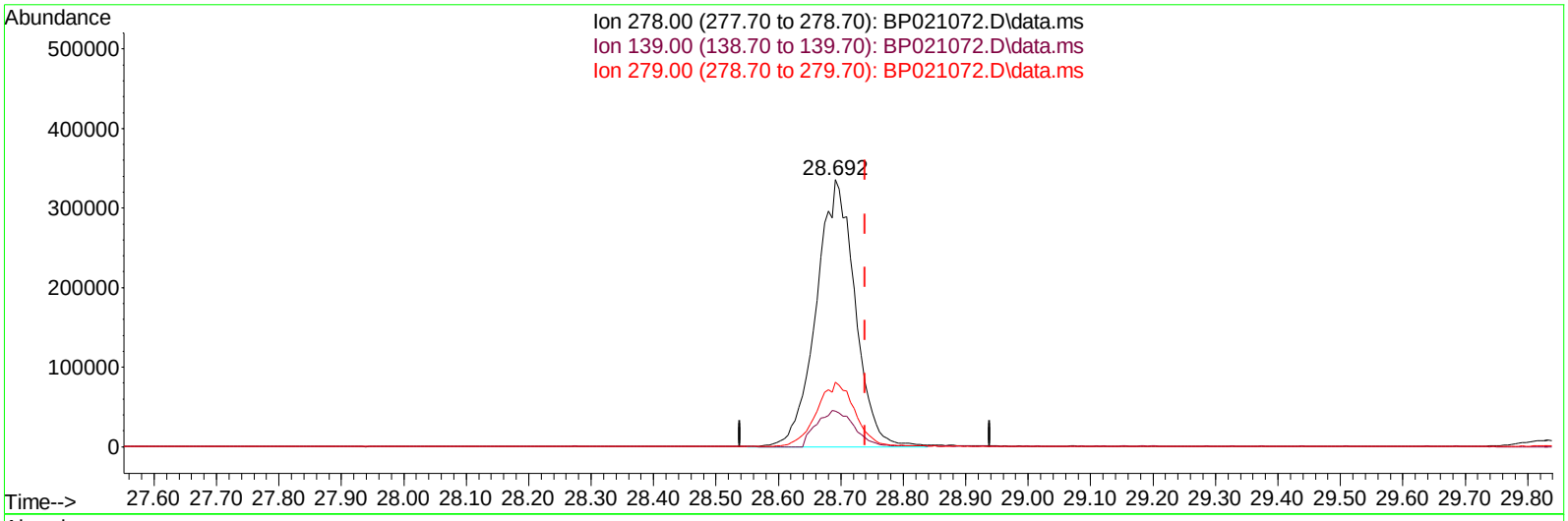

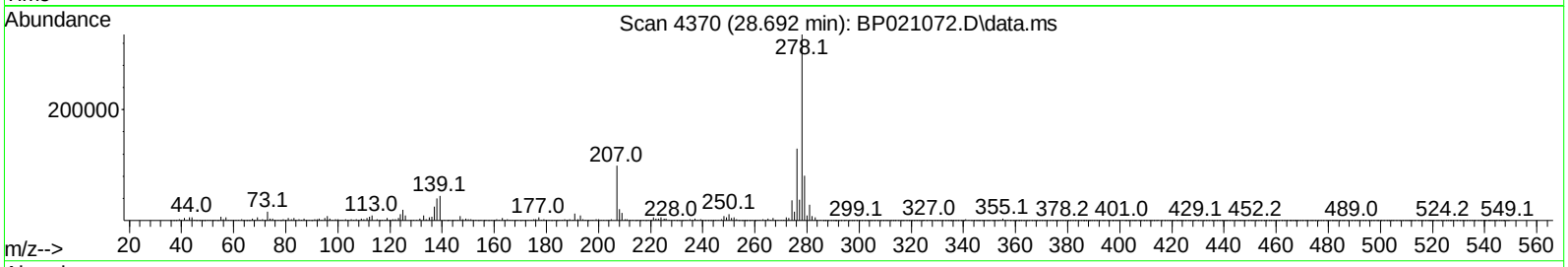

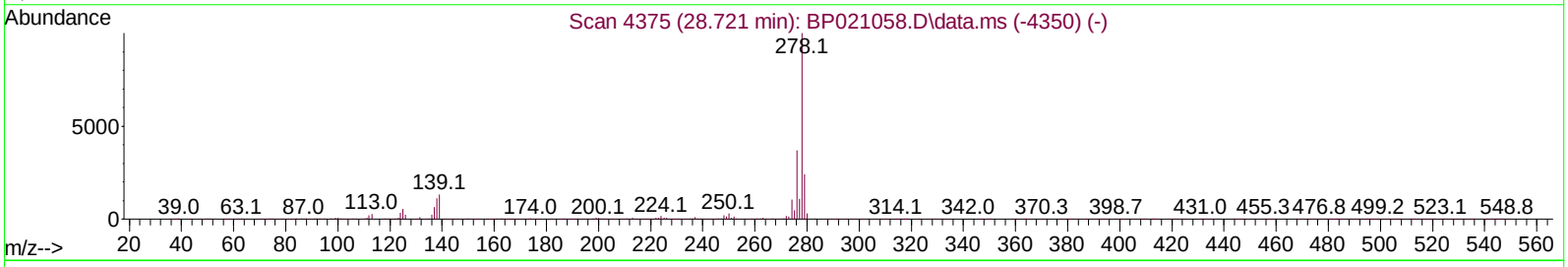

TIC: BP021072.D\data.ms

(95) Dibenzo(a,h)anthracene

28.692min (-0.047) 18.23 ng/ul m

response 1443839

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.36
279.00	24.20	24.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	186594	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	735421	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	479476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1040315	20.000	ng/ul	-0.01
79) Chrysene-d12	21.563	240	1045438	20.000	ng/ul	-0.02
88) Perylene-d12	24.862	264	1293989	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	31320	7.638	ng/uL	0.00
4) Pyridine-d5	3.652	84	215789	18.178	ng/ul	0.00
7) Phenol-d5	6.904	99	274449	18.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	157981	17.136	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	232314	18.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	221350	17.519	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	109412	19.154	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	124450	19.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	221658	18.750	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.593	131	298943	19.088	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	624834	17.926	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	747015	19.087	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	132235m	26.665	ng/ul	-0.02
60) Fluorene-d10	15.310	176	551916	19.301	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	97150	15.434	ng/ul	0.00
73) Anthracene-d10	17.216	188	875453	18.947	ng/ul	-0.01
81) Pyrene-d10	19.598	212	1086505	16.810	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.656	264	1183242	18.540	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	33306	7.385	ng/uL	95
5) Pyridine	3.669	79	225583	18.424	ng/ul	99
6) Benzaldehyde	6.857	77	169635	22.119	ng/ul	98
8) Phenol	6.928	94	278479	18.091	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.122	93	218991	17.221	ng/ul	99
12) 2-Chlorophenol	7.269	128	232604	18.516	ng/ul	99
13) 2-Methylphenol	8.146	108	213750	17.955	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.199	45	308544	16.794	ng/ul	97
16) Acetophenone	8.504	105	338873	17.378	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.481	70	166064	16.253	ng/ul	100
18) 4-Methylphenol	8.469	108	227081	17.805	ng/ul	99
19) Hexachloroethane	8.740	117	97130	17.206	ng/ul	100
22) Nitrobenzene	8.875	77	259690	18.979	ng/ul	99
23) Isophorone	9.381	82	474116	17.429	ng/ul	99
25) 2-Nitrophenol	9.581	139	130112	19.082	ng/ul	99
26) 2,4-Dimethylphenol	9.646	107	251419	18.699	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	281782	17.042	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	219275	18.821	ng/ul	98
30) Naphthalene	10.493	128	724806	18.737	ng/ul	99
32) 4-Chloroaniline	10.616	127	287549	19.227	ng/ul	100
33) Hexachlorobutadiene	10.751	225	153190	17.536	ng/ul	99
34) Caprolactam	11.428	113	70521	19.649	ng/ul	99
35) 4-Chloro-3-methylphenol	11.769	107	236601	18.682	ng/ul	97

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	484612	18.250	ng/ul	98
37) 1-Methylnaphthalene	12.316	142	494998	18.125	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	285406	18.329	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	132360	16.249	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	182060	18.503	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	190375	18.287	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	632261	18.044	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	512782	18.331	ng/ul	99
45) 2-Nitroaniline	13.398	65	154303	19.946	ng/ul	98
47) Dimethylphthalate	13.763	163	625936	17.699	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	132831	18.786	ng/ul	99
50) Acenaphthylene	14.034	152	840634	18.971	ng/ul	98
51) 3-Nitroaniline	14.239	138	137078	22.278	ng/ul	94
52) Acenaphthene	14.375	153	548684	18.656	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	76265	20.539	ng/ul	97
55) 4-Nitrophenol	14.598	109	91740	22.742	ng/ul	98
56) Dibenzofuran	14.716	168	757224	18.801	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	201235	20.732	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	160317	17.984	ng/ul	100
59) Diethylphthalate	15.139	149	627360	17.750	ng/ul	100
61) Fluorene	15.375	166	619192	18.840	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	320268	17.958	ng/ul	96
63) 4-Nitroaniline	15.428	138	140783	27.629	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.486	198	106451	15.948	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	530913	17.525	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	205345	16.840	ng/ul	96
69) Hexachlorobenzene	16.398	284	247056	17.670	ng/ul	94
70) Atrazine	16.569	200	202110	18.306	ng/ul	99
71) Pentachlorophenol	16.775	266	158721	20.902	ng/ul	96
72) Phenanthrene	17.157	178	1006785	18.655	ng/ul	99
74) Anthracene	17.257	178	1033247	18.780	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	282886	16.989	ng/uL	99
76) Pentachlorobenzene	14.622	250	278030	16.804	ng/uL	99
77) Carbazole	17.551	167	944199	20.994	ng/ul	98
78) Di-n-butylphthalate	18.110	149	1081069	17.422	ng/ul	99
80) Fluoranthene	19.251	202	1272722	16.306	ng/ul	100
82) Pyrene	19.627	202	1329524	16.739	ng/ul	99
83) Butylbenzylphthalate	20.574	149	522899	15.801	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	424299	17.761	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1343664	18.348	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	709635	14.901	ng/ul	98
87) Chrysene	21.610	228	1259518	18.509	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1260835	14.750	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1393910	17.751	ng/ul	98
91) Benzo(k)fluoranthene	23.892	252	1408684	17.976	ng/ul	99
93) Benzo(a)pyrene	24.727	252	1345768	18.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.633	276	1745071	18.250	ng/ul	99
95) Dibenzo(a,h)anthracene	28.692	278	1443839m	18.234	ng/ul	
96) Benzo(g,h,i)perylene	29.821	276	1417170	18.198	ng/ul	99

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

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