Quantitation Report (Qedit)

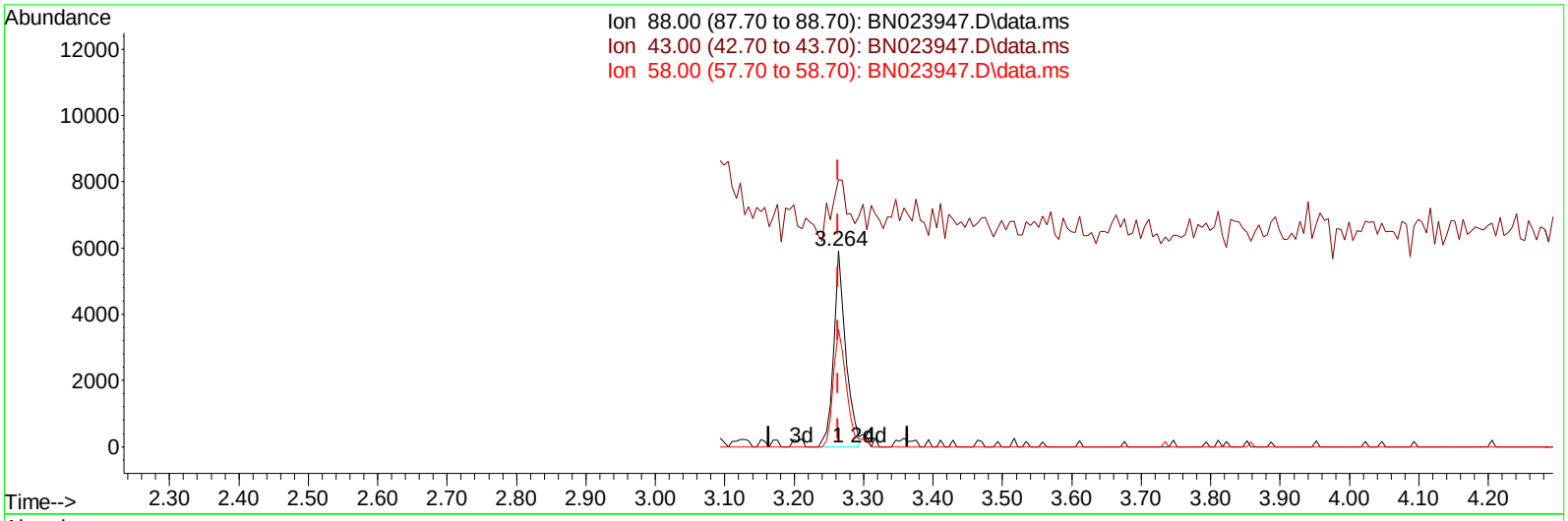
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023947.D
Acq On : 06 Feb 2023 11:41
Operator : CG/JU
Sample : SSTD00565
Misc :
ALS Vial : 2 Sample Multiplier: 1

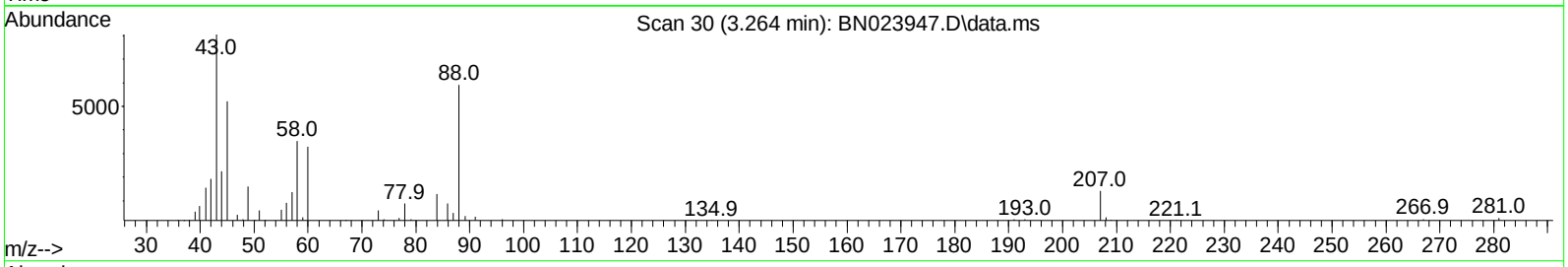
Quant Time: Feb 06 13:44:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 06 13:43:15 2023
Response via : Initial Calibration

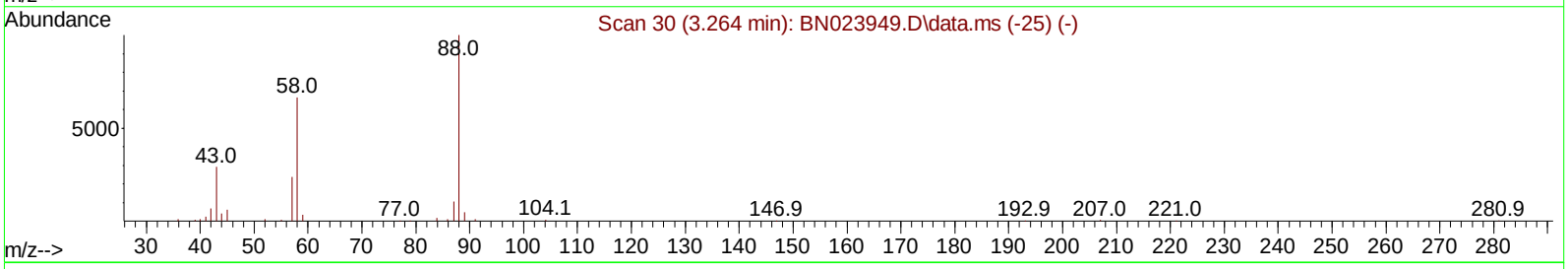
Instrument :
BNA_N
ClientSampleId :
SSTD005231

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023







TIC: BN023947.D\data.ms

(2) 1,4-Dioxane

3.264min (+ 0.000) 2.02 ng/uL

response 7171

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.80	136.04#
58.00	66.10	59.72
0.00	0.00	0.00

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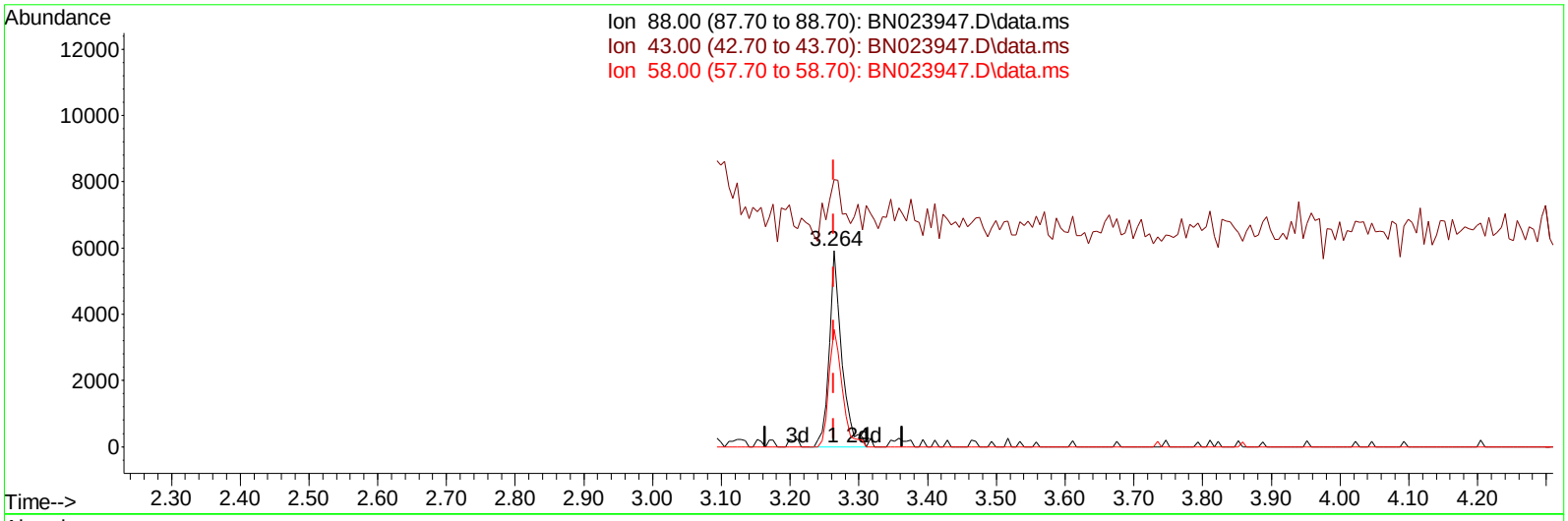

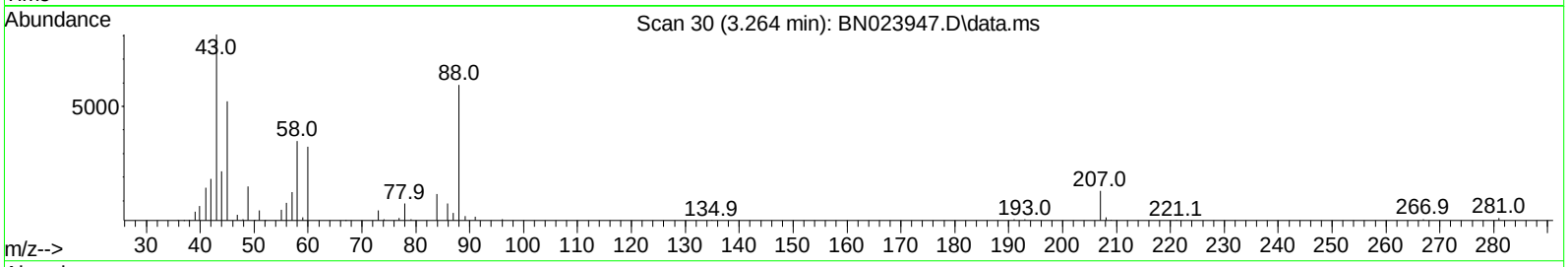

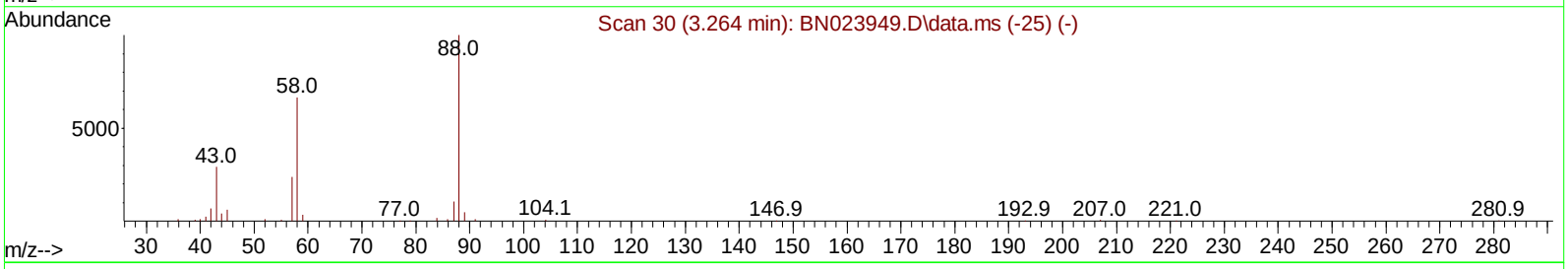

TIC: BN023947.D\data.ms

(2) 1,4-Dioxane

3.264min (+ 0.000) 2.09 ng/uL m

response 7403

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.80	136.04#
58.00	66.10	59.72
0.00	0.00	0.00

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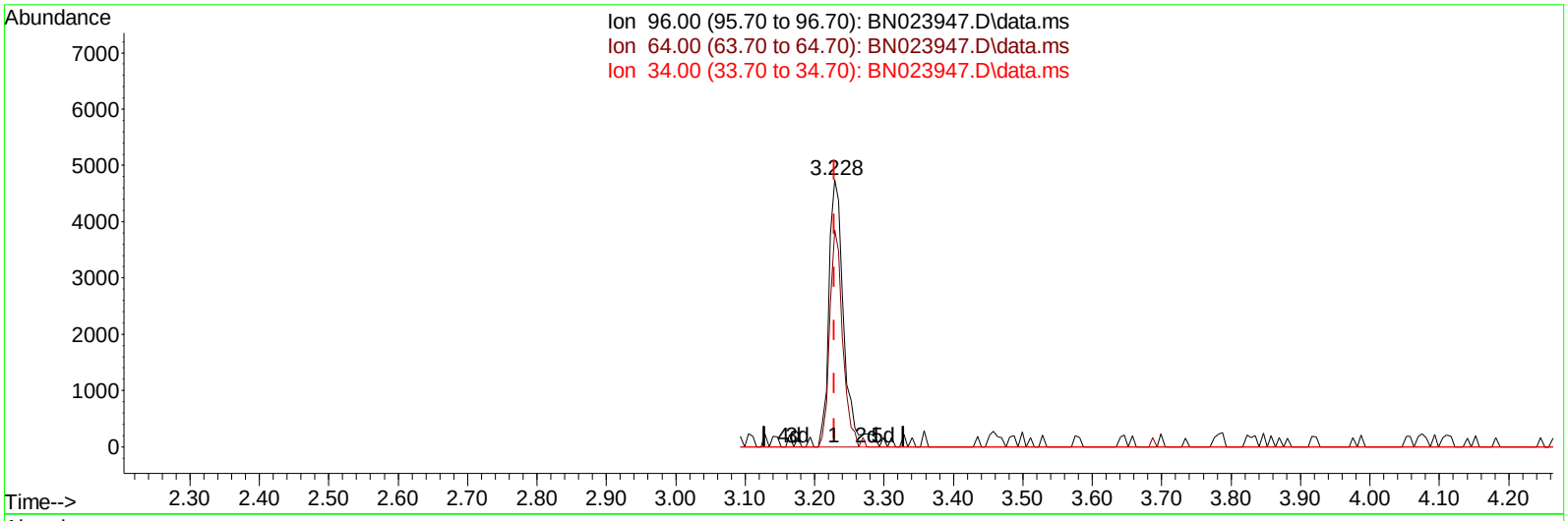

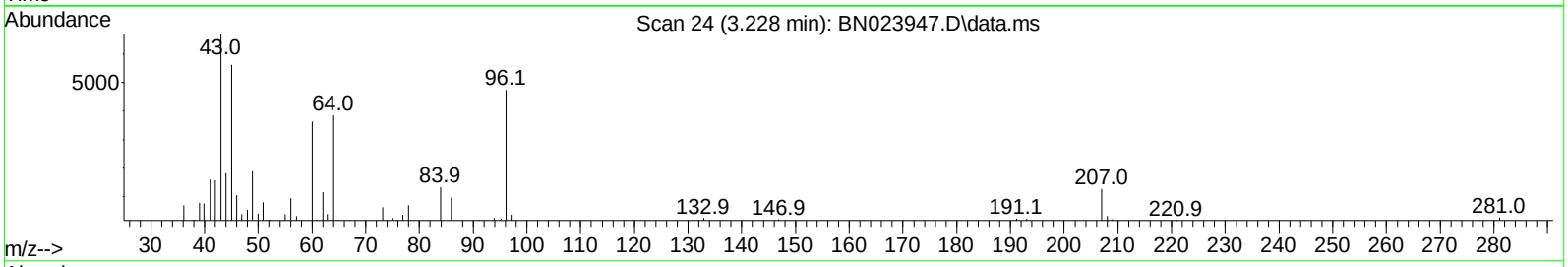

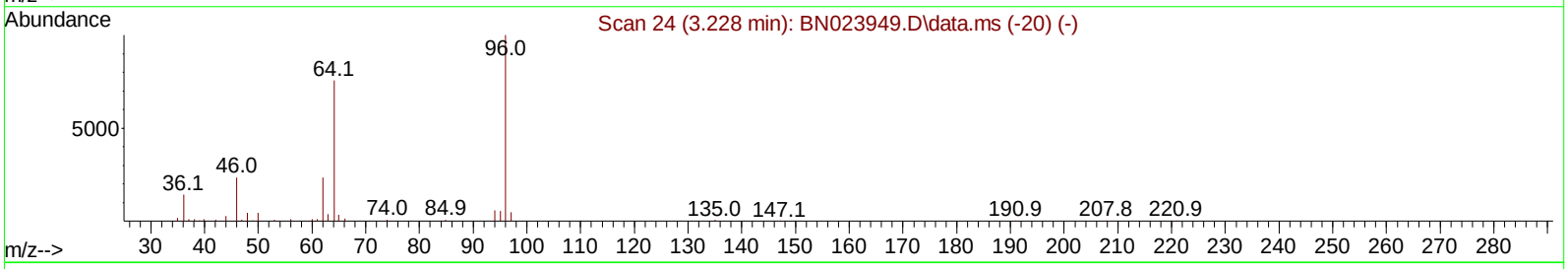

TIC: BN023947.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.228min (+ 0.000) 1.99 ng/uL

response 6860

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.80	81.11
34.00	0.00	0.00
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD00565
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 13:44:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 06 13:43:15 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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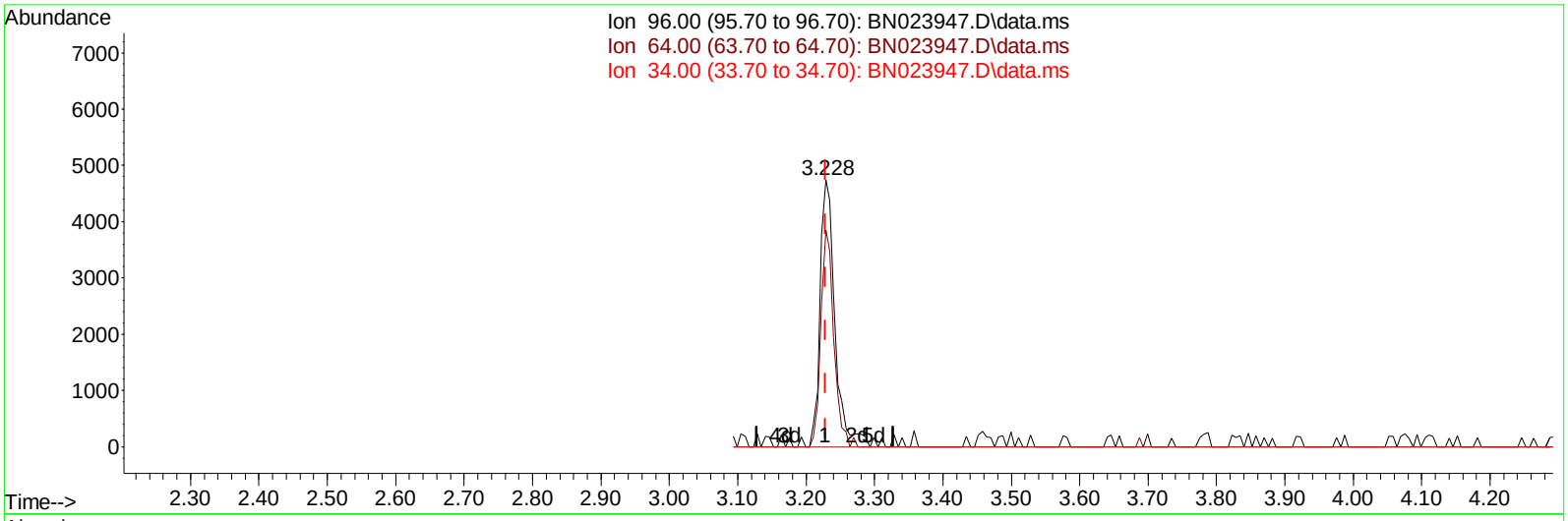

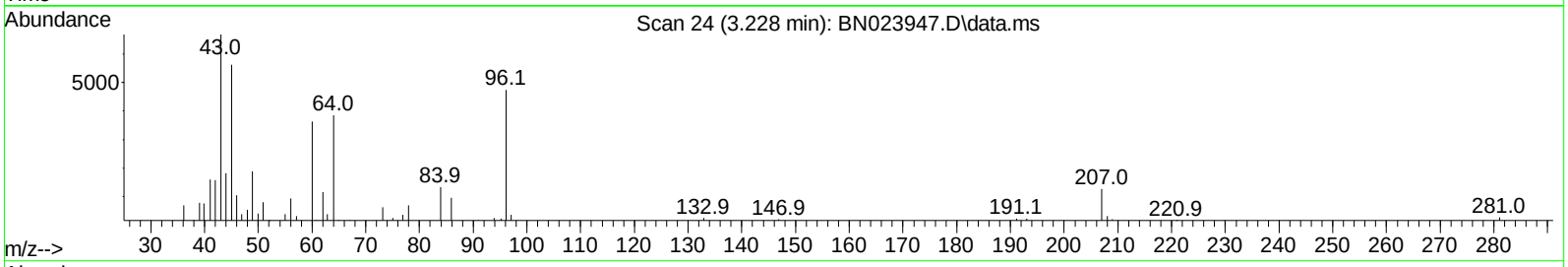

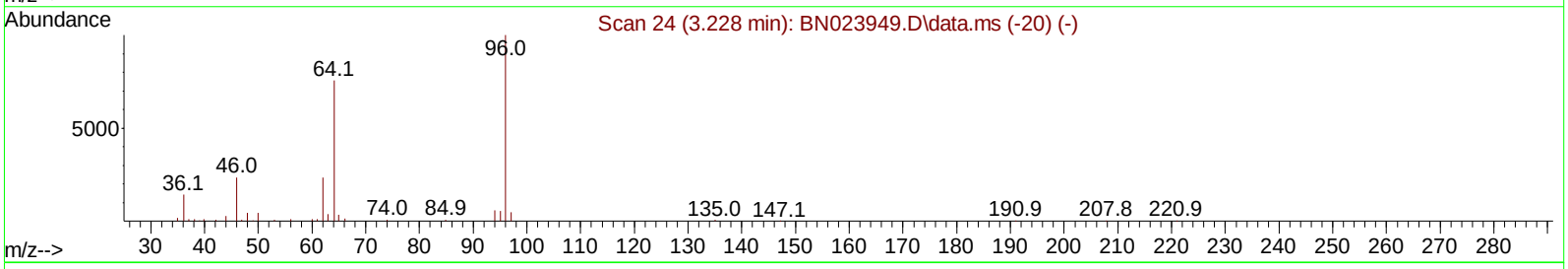

TIC: BN023947.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.228min (+ 0.000) 2.08 ng/uL m

response 7159

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.80	81.11
34.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	138858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	584519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	385016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	876122	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	866197	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	867548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	7159m	2.081	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.369	132	42190	4.450	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.005	128	20710	4.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	21940	4.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	44088	4.376	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.904	166	144337	4.696	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	149201	4.487	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.487	176	123668	4.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.340	188	184726	4.529	ng/ul	0.00
81) Pyrene-d10	19.639	212	236999	4.507	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	208719	4.635	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	7403m	2.089	ng/uL	
12) 2-Chlorophenol	7.399	128	43603	4.545	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.652	70	37803	4.622	ng/ul	95
19) Hexachloroethane	8.916	117	17934	4.463	ng/ul	93
22) Nitrobenzene	9.052	77	53874	4.525	ng/ul	99
23) Isophorone	9.575	82	101171	4.502	ng/ul	100
25) 2-Nitrophenol	9.763	139	23606	4.213	ng/ul	97
26) 2,4-Dimethylphenol	9.828	107	50600	4.560	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	65242	4.752	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	42873	4.410	ng/ul	98
30) Naphthalene	10.699	128	152475	4.817	ng/ul	99
33) Hexachlorobutadiene	10.975	225	31503	4.624	ng/ul	99
35) 4-Chloro-3-methylphenol	11.946	107	46024	4.416	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	100951	4.693	ng/ul	99
37) 1-Methylnaphthalene	12.534	142	104430	4.746	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.681	216	61214	4.627	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	38154	4.371	ng/ul	95
42) 2,4,5-Trichlorophenol	12.993	196	41693	4.410	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	146036	4.813	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	114480	4.849	ng/ul	99
45) 2-Nitroaniline	13.581	65	29196	4.119	ng/ul	98
47) Dimethylphthalate	13.951	163	144703	4.743	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	24489	4.049	ng/ul#	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.216	152	163227	4.570	ng/ul	98
52) Acenaphthene	14.557	153	119279	4.811	ng/ul	98
56) Dibenzofuran	14.893	168	169592	4.795	ng/ul	100
57) 2,4-Dinitrotoluene	14.863	165	35629	4.164	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.122	232	37582	4.457	ng/ul#	98
59) Diethylphthalate	15.316	149	140992	4.651	ng/ul	98
61) Fluorene	15.540	166	142849	4.939	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	72836	4.800	ng/ul	97
67) N-Nitrosodiphenylamine	15.757	169	117947	4.662	ng/ul	93
68) 4-Bromophenyl-phenylether	16.434	248	47788	4.657	ng/ul	82
69) Hexachlorobenzene	16.545	284	56495	4.766	ng/ul	97
72) Phenanthrene	17.287	178	230948	4.894	ng/ul	97
74) Anthracene	17.375	178	225812	4.801	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.287	216	59801	4.437	ng/uL	97
76) Pentachlorobenzene	14.810	250	64263	4.781	ng/uL	96
78) Di-n-butylphthalate	18.216	149	504192	5.708	ng/ul	99
80) Fluoranthene	19.304	202	277733	4.524	ng/ul	98
82) Pyrene	19.669	202	293038	4.693	ng/ul	99
83) Butylbenzylphthalate	20.569	149	107912	4.144	ng/ul	97
85) Benzo(a)anthracene	21.416	228	288288	4.803	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	161487	4.203	ng/ul	97
87) Chrysene	21.469	228	271813	4.907	ng/ul	97
90) Benzo(b)fluoranthene	23.098	252	267324	4.468	ng/ul	100
91) Benzo(k)fluoranthene	23.139	252	266274	4.713	ng/ul	96
93) Benzo(a)pyrene	23.716	252	225270	4.475	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	273483	4.502	ng/ul	99
95) Dibenzo(a,h)anthracene	26.321	278	224181	4.462	ng/ul	99
96) Benzo(g,h,i)perylene	27.063	276	214117	4.477	ng/ul	99

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

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