

Instrument :
BNA_M
LabSampleId :
SSTD02041

Sohil
1/25/2018 5:36:26 PM

TIC: BM013800.D

Abundance

Time-->

1,4-Dioxane-d8, S

Bis(2-chlorophenyl) ether-d8, S

1,4-Dichlorobenzene-d4, I

2,2',3,3'-Tetrachlorobiphenyl, P

Nitrobenzene-d5

2-Nitroanisole

Bis(2-chlorophenyl) ether-d8, S

2,4-Dichlorophenol-d8, I

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

Hexachlorocyclopentadiene-chlorobenzene

2,4,6-Trichlorophenol, C

2-Chlorobiphenyl

2-Nitroaniline

2,6-Dichlorophenol-d8, S

2-Nitroaniline

2,4-Dichlorophenol-d4, S

2,4-Dichlorophenol

2,3,4,6-Tetrachlorophenol

2,4-Dichlorophenol

2,4,6-Trichlorophenol

2,4,6-Trichlorophenylamine

4-Bromobiphenyl ether

4-Bromobiphenyl, C

Pentachlorophenol, C

Pyrene-d10, S

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene-d10, S

Butylbenzylphthalate

Benzylbenzylphthalate

Di-n-octylphthalate

Benzene-d6

Benzo(b)fluoranthene

Benzo(a)pyrene-d12, S

Benzo(a)pyrene

Dibenzo(a,g,h,i)perylene

Benzo(g,h,i)perylene

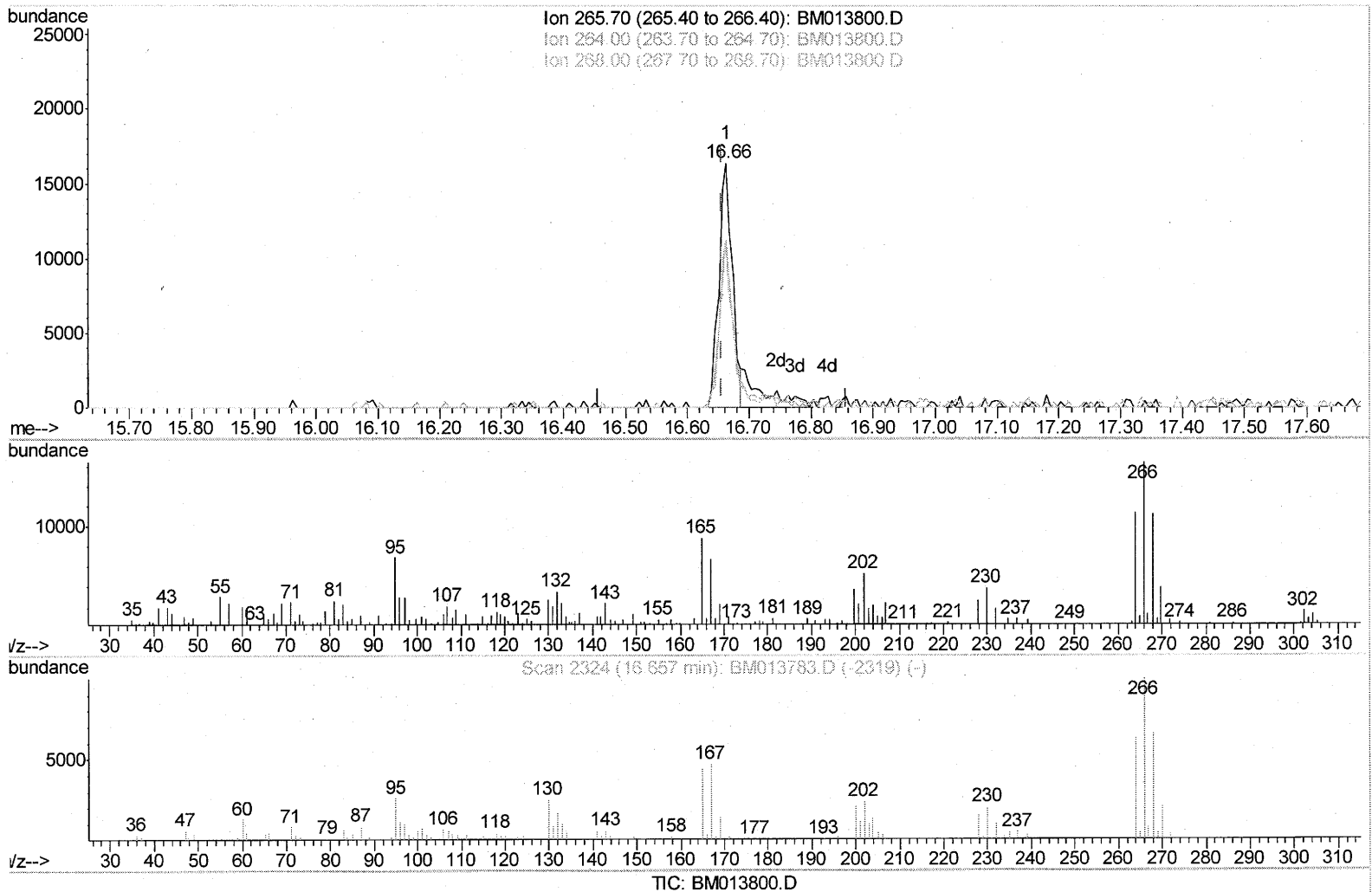
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
 Data File : BM013800.D
 Acq On : 25 Jan 2018 10:19
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
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Manual Integrations
 APPROVED

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Quant Time: Jan 25 11:37:47 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration



(68) Pentachlorophenol (C)

16.663min (+0.006) 23.29ng/ul

response 25220

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	69.05
268.00	65.70	68.64
0.00	0.00	0.00

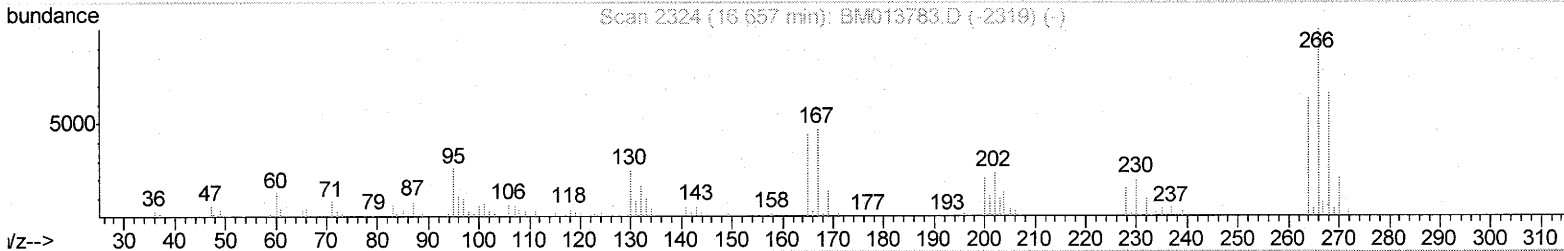
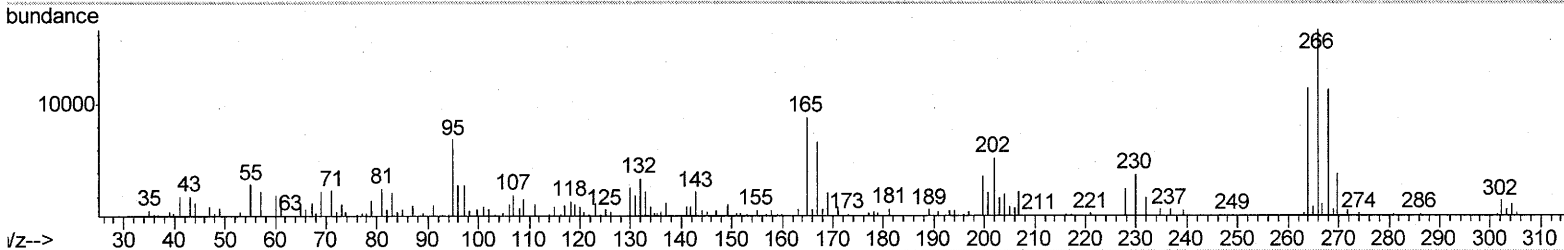
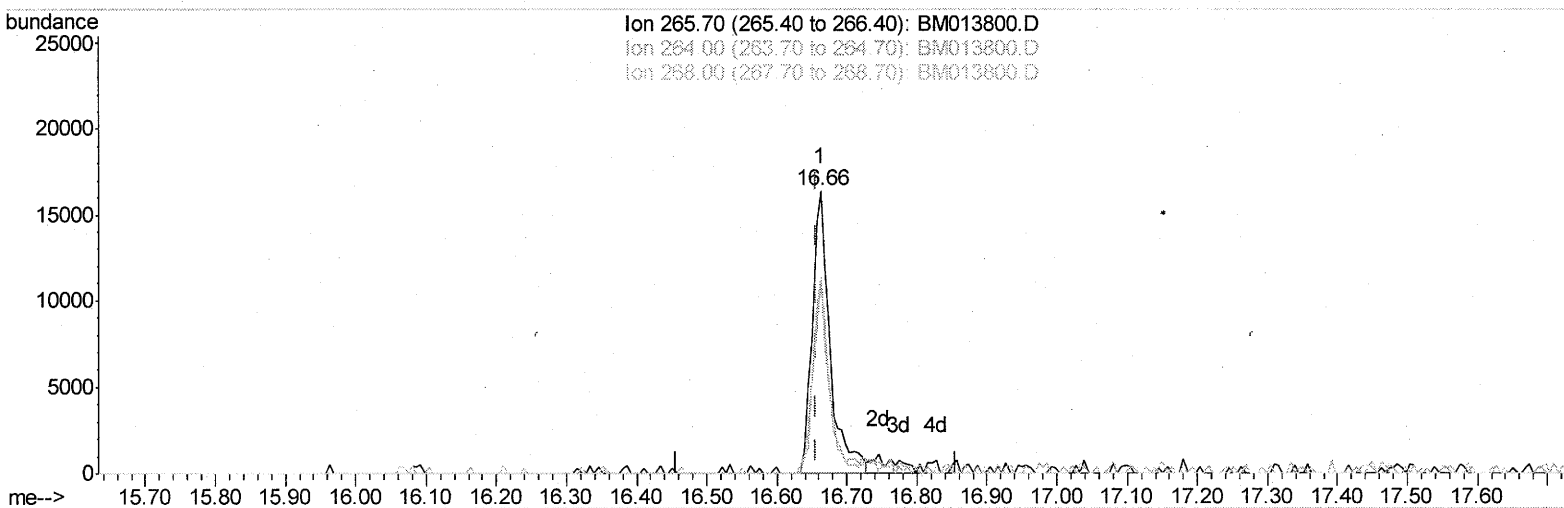
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TIC: BM013800.D

(68) Pentachlorophenol (C)

16.663min (+0.006) 26.37ng/ul m

501/27/18

response 28555

Ion	Exp%	Act%
265.70	100	100
264.00	61.60	69.05
268.00	65.70	68.64
0.00	0.00	0.00

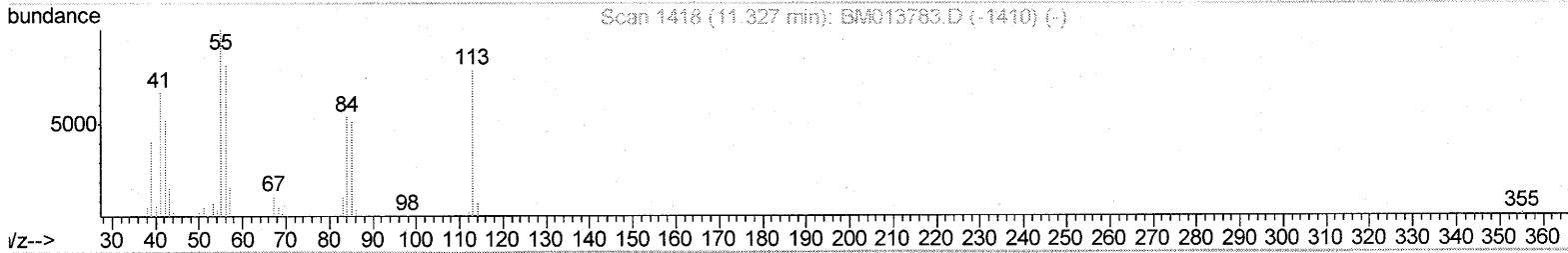
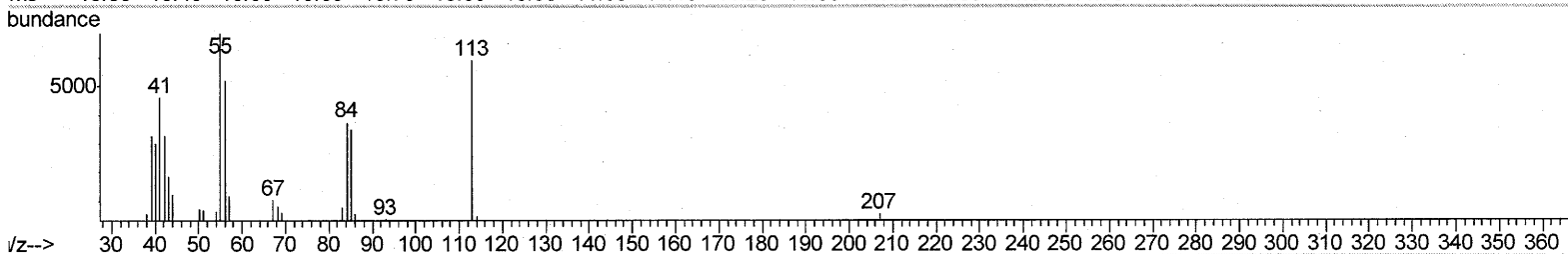
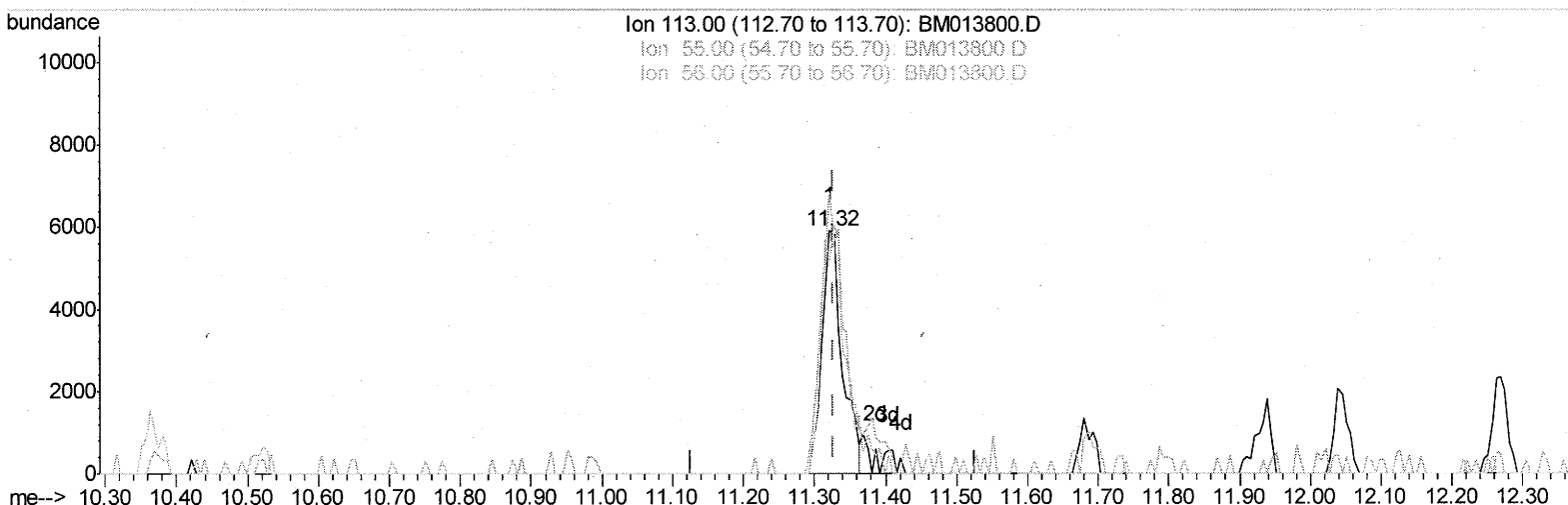
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TIC: BM013800.D

(32) Caprolactam

11.322min (-0.006) 16.54ng/ul

response 11637

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	115.98#
56.00	200.00	88.27#
0.00	0.00	0.00

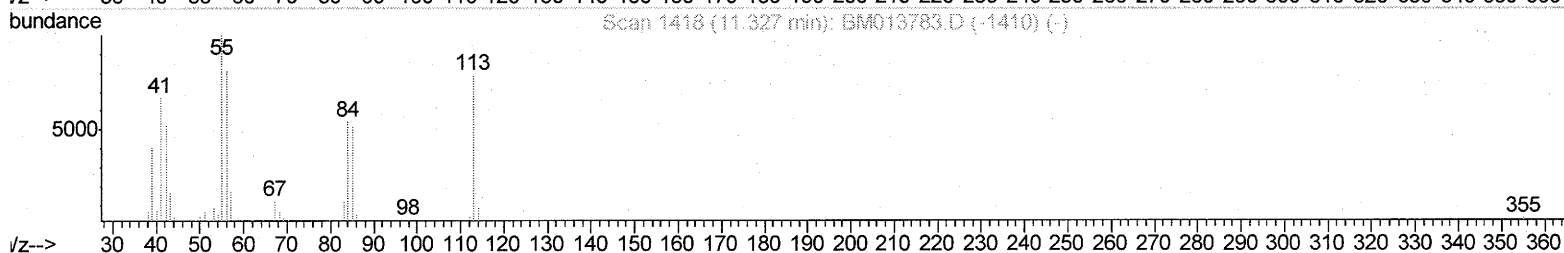
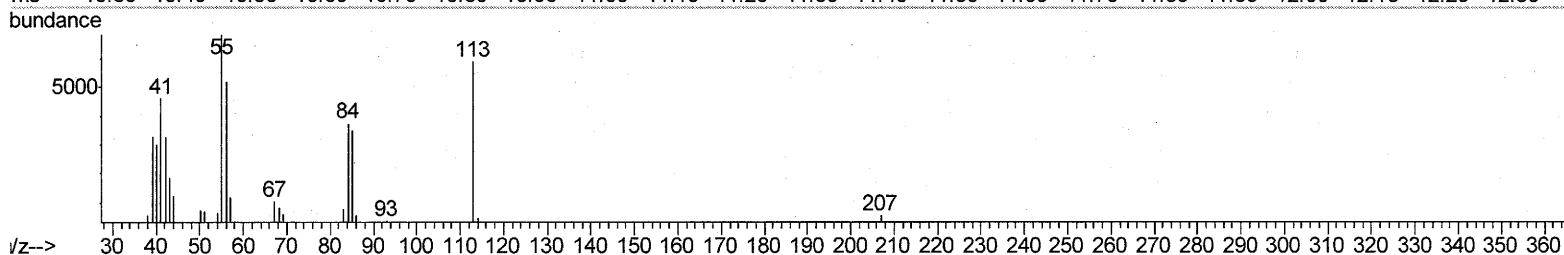
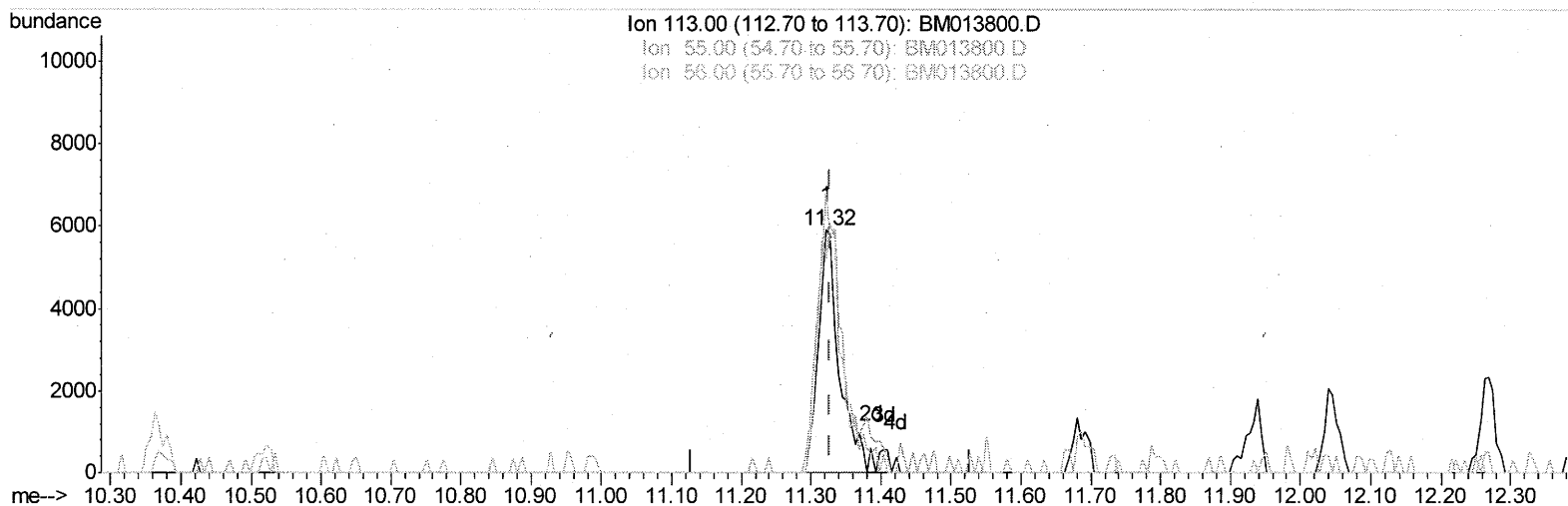
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TIC: BM013800.D

(32) Caprolactam

11.322min (-0.006) 17.32ng/ul m

501/27/18

response 12187

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	115.98#
56.00	200.00	88.27#
0.00	0.00	0.00

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Quant Time: Jan 25 12:15:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	41515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	165726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	83904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	160303	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	146056	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	157111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	5519	5.25	ng/uL	0.00
5) Phenol-d5	6.78	99	60025	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	37199	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	55867	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	47789	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	25415	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	29135	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	49730	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	52962	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	136183	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	179764	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	18112	16.12	ng/ul	0.01
57) Fluorene-d10	15.24	176	116274	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12542	13.00	ng/ul	0.00
70) Anthracene-d10	17.10	188	162656	20.83	ng/ul	0.00
76) Pyrene-d10	19.40	212	149544	21.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	142602	19.75	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.18	88	5331	4.633 ng/uL#	57
4) Benzaldehyde	6.75	77	43812	19.864 ng/ul	91
6) Phenol	6.82	94	63955	20.007 ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.03	93	48964	19.575 ng/ul	97
10) 2-Chlorophenol	7.16	128	55427	21.415 ng/ul	95
11) 2-Methylphenol	8.05	108	49462	20.991 ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.13	45	46768	18.375 ng/ul#	71
14) Acetophenone	8.42	105	79076	19.504 ng/ul	87
15) N-Nitroso-di-n-propylamine	8.40	70	37031	18.721 ng/ul#	66
16) 4-Methylphenol	8.37	108	53645	21.292 ng/ul	83
17) Hexachloroethane	8.66	117	24744	19.640 ng/ul	80
20) Nitrobenzene	8.79	77	60691	18.269 ng/ul	93
21) Isophorone	9.32	82	99640	18.564 ng/ul#	94
23) 2-Nitrophenol	9.50	139	26813	18.934 ng/ul#	82
24) 2,4-Dimethylphenol	9.57	107	59879	20.056 ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.80	93	61815	18.891 ng/ul	95
27) 2,4-Dichlorophenol	10.03	162	51857	20.499 ng/ul	99
28) Naphthalene	10.42	128	162064	19.656 ng/ul	97
30) 4-Chloroaniline	10.55	127	52188	23.109 ng/ul#	85
31) Hexachlorobutadiene	10.70	225	39301	18.926 ng/ul	96
32) Caprolactam	11.32	113	12187m	17.317 ng/ul	98
33) 4-Chloro-3-methylphenol	11.68	107	48348	18.853 ng/ul	98
34) 2-Methylnaphthalene	12.05	142	113141	18.406 ng/ul	90

31/27/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	66450	21.374	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	7631	5.912	ng/ul#	68
38) 2,4,6-Trichlorophenol	12.67	196	40349	22.421	ng/ul	92
39) 2,4,5-Trichlorophenol	12.75	196	40980	21.885	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	145633	20.852	ng/ul	94
41) 2-Chloronaphthalene	13.12	162	111588	20.439	ng/ul	99
42) 2-Nitroaniline	13.33	65	27879	18.512	ng/ul	96
44) Dimethylphthalate	13.71	163	129541	19.053	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	28059	21.296	ng/ul#	96
47) Acenaphthylene	13.97	152	170824	21.172	ng/ul	97
48) 3-Nitroaniline	14.17	138	23484	22.663	ng/ul#	90
49) Acenaphthene	14.31	153	114447	20.481	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	5249	6.950	ng/ul	95
52) 4-Nitrophenol	14.51	109	15642	13.702	ng/ul#	83
53) Dibenzofuran	14.65	168	159459	18.969	ng/ul	95
54) 2,4-Dinitrotoluene	14.64	165	33223	17.298	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	14.89	232	35522	20.168	ng/ul#	90
56) Diethylphthalate	15.09	149	128879	18.835	ng/ul	92
58) Fluorene	15.30	166	130365	18.932	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	69312	18.628	ng/ul	99
60) 4-Nitroaniline	15.34	138	21742	17.933	ng/ul#	93
63) 4,6-Dinitro-2-methylphenol	15.40	198	12523	12.296	ng/ul#	91
64) N-Nitrosodiphenylamine	15.52	169	103532	21.959	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	41257	21.791	ng/ul	93
66) Hexachlorobenzene	16.31	284	45410	22.281	ng/ul#	93
67) Atrazine	16.48	200	40085	21.303	ng/ul	97
68) Pentachlorophenol	16.66	266	28555m	26.367	ng/ul	-
69) Phenanthrene	17.04	178	184179	20.670	ng/ul	99
71) Anthracene	17.13	178	181315	19.728	ng/ul	98
72) Carbazole	17.42	167	154237	20.330	ng/ul	98
73) Di-n-butylphthalate	17.98	149	176540	19.786	ng/ul	97
74) Fluoranthene	19.07	202	193042	18.149	ng/ul#	93
77) Pyrene	19.43	202	189117	21.299	ng/ul#	93
78) Butylbenzylphthalate	20.34	149	76229	24.372	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	56694	23.464	ng/ul#	99
80) Benzo(a)anthracene	21.19	228	177979	20.167	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	104191	22.203	ng/ul	96
82) Chrysene	21.24	228	168158	20.770	ng/ul	96
84) Di-n-octyl phthalate	21.99	149	187602	19.814	ng/ul#	32
85) Benzo(b)fluoranthene	22.74	252	183737	19.043	ng/ul#	91
86) Benzo(k)fluoranthene	22.79	252	175379	18.805	ng/ul#	94
88) Benzo(a)pyrene	23.30	252	181384	19.900	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.59	276	203692	18.931	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.59	278	176441	19.419	ng/ul#	91
91) Benzo(g,h,i)perylene	26.26	276	181314	20.475	ng/ul#	91

- SJ1/27/18

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