

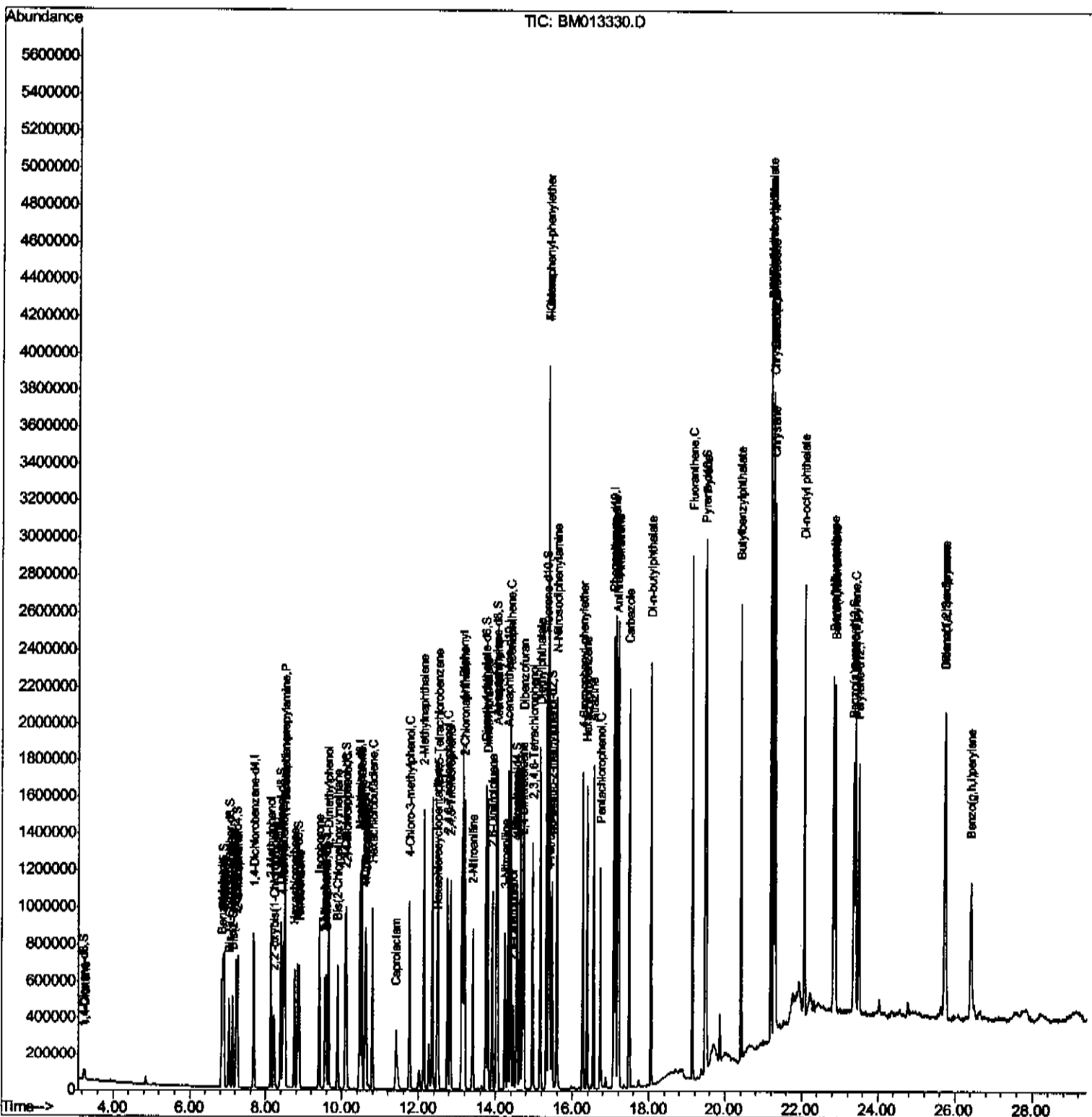
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121117\
 Data File : BM013330.D
 Acq On : 12 Dec 2017 06:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 Lab Sampled :
 SSTD02028

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:36 PM

Quant Time: Dec 12 10:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013330.D
Acq On : 12 Dec 2017 06:41
Operator : SJ/JU
Sample : SSTDCCC020EC

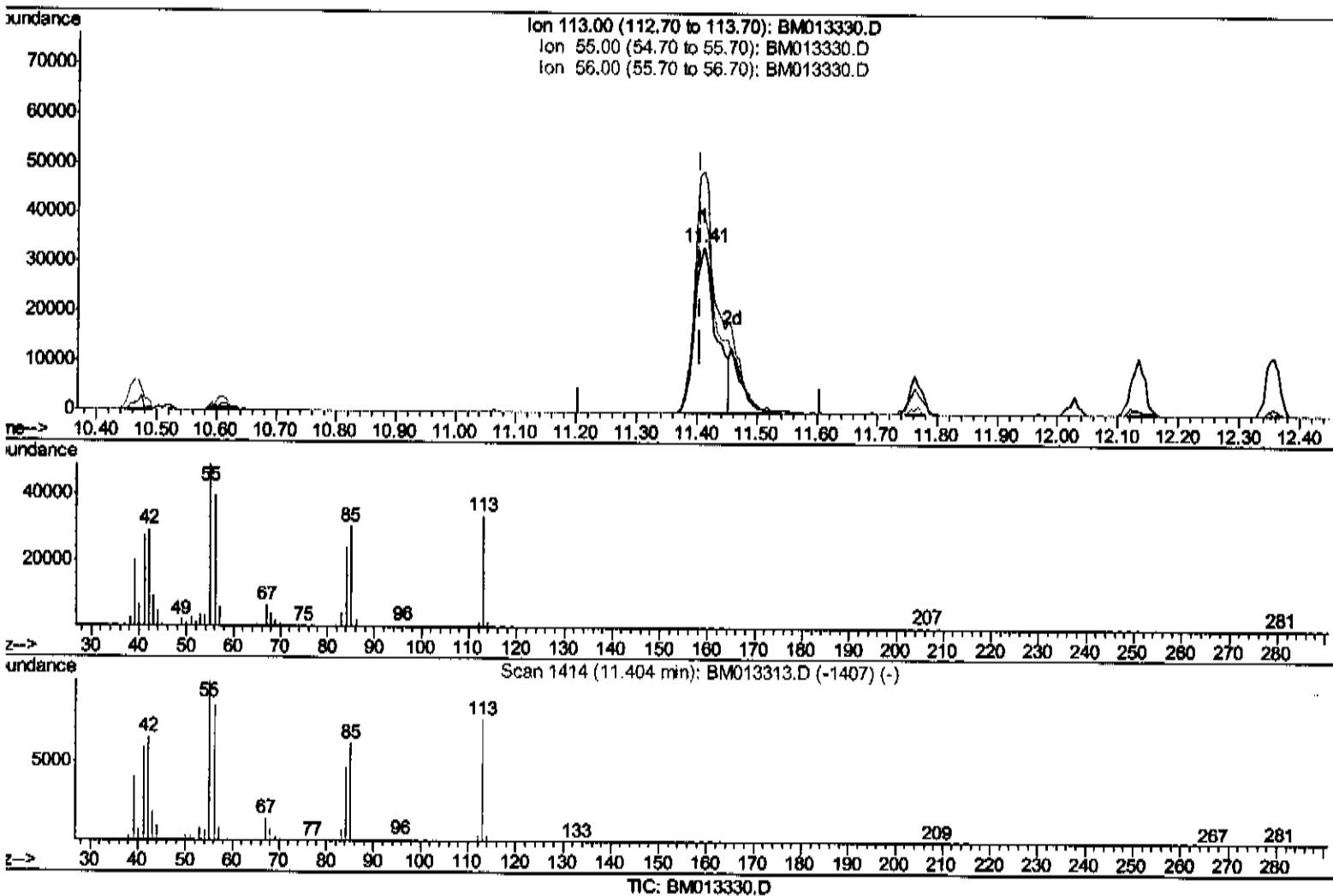
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Quant Time: Dec 12 10:29:54 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
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(32) Caprolactam

11.410min (+0.005) 17.29ng/ul

response 83962

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	145.21#
56.00	200.00	117.80#
0.00	0.00	0.00

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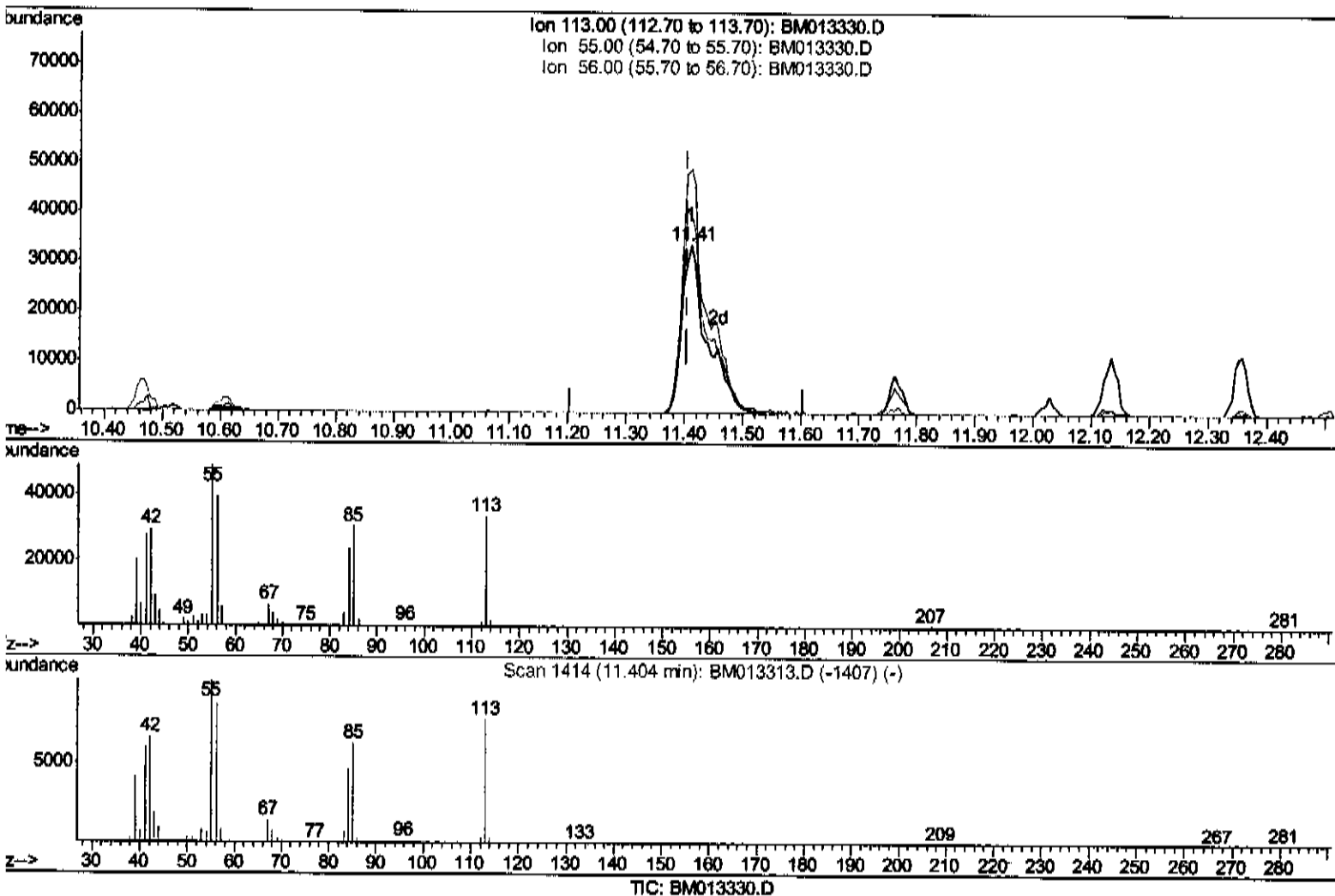
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(32) Caprolactam

11.410min (+0.005) 20.75ng/ul m

response 100757

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	145.21#
56.00	200.00	117.80#
0.00	0.00	0.00

Jo 12/15/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	396066	18.942	ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	153612	11.162	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	263526	20.216	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	284042	20.513	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	950587	19.410	ng/ul	98
41) 2-Chloronaphthalene	13.20	162	751489	19.559	ng/ul	98
42) 2-Nitroaniline	13.41	65	225650	20.045	ng/ul#	85
44) Dimethylphthalate	13.79	163	958318	19.431	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	206826	20.562	ng/ul	90
47) Acenaphthylene	14.05	152	1151649	19.557	ng/ul	99
48) 3-Nitroaniline	14.24	138	202000	22.467	ng/ul	85
49) Acenaphthene	14.39	153	773084	19.272	ng/ul	96
50) 2,4-Dinitrophenol	14.45	184	95562	17.168	ng/ul	91
52) 4-Nitrophenol	14.56	109	162850	18.528	ng/ul#	79
53) Dibenzofuran	14.73	168	1124117	18.982	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	296907	20.291	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.96	232	261126	20.568	ng/ul	93
56) Diethylphthalate	15.16	149	956572	19.338	ng/ul	95
58) Fluorene	15.38	166	931149	19.006	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	484739	18.230	ng/ul	94
60) 4-Nitroaniline	15.41	138	211324	19.921	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	160794	18.964	ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	805117	20.265	ng/ul	96
65) 4-Bromophenyl-phenylether	16.27	248	317797	20.044	ng/ul	94
66) Hexachlorobenzene	16.39	284	336927	19.270	ng/ul#	93
67) Atrazine	16.55	200	310426	21.168	ng/ul	92
68) Pentachlorophenol	16.73	266	200103	19.787	ng/ul	98
69) Phenanthrene	17.12	178	1490081	19.447	ng/ul	100
71) Anthracene	17.21	178	1528028	19.510	ng/ul	99
72) Carbazole	17.49	167	1298179	19.270	ng/ul	99
73) Di-n-butylphthalate	18.05	149	1591076	20.231	ng/ul	98
74) Fluoranthene	19.14	202	1654007	17.614	ng/ul#	92
77) Pyrene	19.50	202	1660162	22.723	ng/ul#	94
78) Butylbenzylphthalate	20.41	149	676074	23.683	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.19	252	483993	19.145	ng/ul#	98
80) Benzo(a)anthracene	21.25	228	1503659	19.706	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	934070	21.708	ng/ul	99
82) Chrysene	21.30	228	1369567	19.347	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1508669	21.706	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1310238	19.885	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1196985	19.304	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1158569	19.574	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	1194122	20.333	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.74	278	1021406	20.425	ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	952456	20.561	ng/ul#	96

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

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1) 1,4-Dichlorobenzene-d4	7.69	152	213574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	940573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	579473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1348728	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1202612	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	977429	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	28635	6.64	ng/uL	0.00
5) Phenol-d5	6.87	99	363662	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	204207	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	292883	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	306943	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	152147	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	172886	21.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	332092	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	373741	24.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1008352	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1255295	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	174632	19.49	ng/ul	0.00
57) Fluorene-d10	15.33	176	847254	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	156280	18.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	1320814	19.55	ng/ul	0.00
76) Pyrene-d10	19.47	212	1348576	22.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	976014	19.60	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	31708	6.550	ng/uL#	62
4) Benzaldehyde	6.84	77	189397	20.714	ng/ul	90
6) Phenol	6.89	94	360023	19.709	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.12	93	268706	19.239	ng/ul	99
10) 2-Chlorophenol	7.26	128	291148	20.563	ng/ul	94
11) 2-Methylphenol	8.13	108	277189	19.620	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	290266	19.793	ng/ul#	83
14) Acetophenone	8.51	105	465360	19.384	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.49	70	235492	19.474	ng/ul#	69
16) 4-Methylphenol	8.46	108	305277	20.206	ng/ul	98
17) Hexachloroethane	8.76	117	118732	19.261	ng/ul#	82
20) Nitrobenzene	8.88	77	347646	18.502	ng/ul	92
21) Isophorone	9.40	82	644991	19.508	ng/ul#	94
23) 2-Nitrophenol	9.59	139	174531	21.088	ng/ul#	78
24) 2,4-Dimethylphenol	9.66	107	357923	19.829	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.89	93	382224	19.753	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	313771	20.649	ng/ul	91
28) Naphthalene	10.52	128	935462	19.331	ng/ul	100
30) 4-Chloroaniline	10.63	127	361185	24.675	ng/ul	92
31) Hexachlorobutadiene	10.80	225	205397	18.661	ng/ul	94
32) Caprolactam	11.41	113	100757m	20.747	ng/ul	94
33) 4-Chloro-3-methylphenol	11.76	107	332122	19.924	ng/ul	97
34) 2-Methylnaphthalene	12.13	142	701009	19.271	ng/ul	95

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