

Data Path : Z:\HPCHEM1\BNA_N\Data\BN022318\
 Data File : BN000172.D
 Acq On : 23 Feb 2018 14:11
 Operator : JU/SJ
 Sample : MDL-S-ME-07
 Misc : 1PPM/4PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-06

Quant Time: Feb 23 15:26:07 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 10:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	99633	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	487446	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	284824	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	632049	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	748656	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	854323	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	12273	5.11	ng/uL	0.00
5) Phenol-d5	7.58	99	281911	27.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	179151	31.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	203630	29.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	225890	27.76	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	91303	28.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	80972	26.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	184939	27.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	330144	43.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	658705	30.41	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	835722	30.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	95383	22.17	ng/ul	0.00
58) Fluorene-d10	16.04	176	598889	31.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	51429	18.13	ng/ul	0.00
71) Anthracene-d10	17.88	188	923894	31.15	ng/ul	0.00
79) Pyrene-d10	20.13	212	1033233	29.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1218549	31.47	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	2772	1.048	ng/uL# 90
4) Benzaldehyde	7.57	77	33575	10.125	ng/ul 97
6) Phenol	7.60	94	39169	3.673	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.85	93	34300	4.252	ng/ul 93
10) 2-Chlorophenol	8.00	128	27517	3.766	ng/ul 95
11) 2-Methylphenol	8.89	108	24828	3.206	ng/ul 87
12) 2,2'-oxybis(1-Chloropropan	8.98	45	35991	4.118	ng/ul 96
14) Acetophenone	9.29	105	46959	3.674	ng/ul 94
15) N-Nitroso-di-n-propylamine	9.26	70	19238	3.334	ng/ul# 96
16) 4-Methylphenol	9.21	108	30786	3.548	ng/ul 99
17) Hexachloroethane	9.56	117	10719	3.838	ng/ul# 60
20) Nitrobenzene	9.67	77	36126	4.075	ng/ul 96
21) Isophorone	10.19	82	52537	3.134	ng/ul 98
23) 2-Nitrophenol	10.39	139	12627	3.538	ng/ul 96
24) 2,4-Dimethylphenol	10.43	107	32642	3.520	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.67	93	45209	3.950	ng/ul 99
27) 2,4-Dichlorophenol	10.92	162	25684	3.761	ng/ul# 85
28) Naphthalene	11.35	128	108260	4.200	ng/ul 98
30) 4-Chloroaniline	11.44	127	28664	3.637	ng/ul 99
31) Hexachlorobutadiene	11.62	225	14417	3.985	ng/ul 96
32) Caprolactam	12.16	113	7619	2.943	ng/ul 78
33) 4-Chloro-3-methylphenol	12.52	107	24727	2.949	ng/ul 97
34) 2-Methylnaphthalene	12.92	142	71011	3.953	ng/ul 93

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35) 1-Methylnaphthalene	13.13	142	70593	3.916	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	31331	4.013	ng/ul#	91
38) Hexachlorocyclopentadiene	13.25	237	9709	2.569	ng/ul	93
39) 2,4,6-Trichlorophenol	13.50	196	13125	2.666	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	14840	2.805	ng/ul	92
41) 1,1'-Biphenyl	13.90	154	94880	4.066	ng/ul#	94
42) 2-Chloronaphthalene	13.95	162	73326	4.092	ng/ul	98
43) 2-Nitroaniline	14.14	65	11852	2.583	ng/ul	90
45) Dimethylphthalate	14.50	163	88093	4.004	ng/ul#	97
46) 2,6-Dinitrotoluene	14.62	165	9065	2.466	ng/ul#	76
48) Acenaphthylene	14.79	152	115170	4.077	ng/ul	100
49) 3-Nitroaniline	14.95	138	10071	2.289	ng/ul#	69
50) Acenaphthene	15.13	153	81924	4.113	ng/ul	96
51) 2,4-Dinitrophenol	15.15	184	2914	1.709	ng/ul#	28
53) 4-Nitrophenol	15.23	109	12287	3.386	ng/ul#	71
54) Dibenzofuran	15.45	168	117718	4.257	ng/ul	97
55) 2,4-Dinitrotoluene	15.40	165	16415	2.887	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.67	232	11771	2.758	ng/ul#	94
57) Diethylphthalate	15.84	149	76207	3.438	ng/ul	95
59) Fluorene	16.10	166	93917	4.231	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.08	204	42830	4.272	ng/ul#	83
61) 4-Nitroaniline	16.10	138	15024	2.854	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.15	198	8045	2.619	ng/ul#	34
65) N-Nitrosodiphenylamine	16.29	169	72477	3.687	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	20671	3.594	ng/ul#	80
67) Hexachlorobenzene	17.09	284	25658	4.004	ng/ul#	77
68) Atrazine	17.22	200	14372	2.418	ng/ul	96
69) Pentachlorophenol	17.43	266	6587	1.894	ng/ul	90
70) Phenanthrene	17.83	178	154397	4.175	ng/ul	99
72) Anthracene	17.92	178	155213	4.122	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	32435	3.884	ng/uL	95
74) Pentachlorobenzene	15.37	250	30809	3.854	ng/uL	97
75) Carbazole	18.17	167	122586	3.633	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	95766	2.616	ng/ul#	98
77) Fluoranthene	19.80	202	148132	3.826	ng/ul#	80
80) Pyrene	20.16	202	186548	3.959	ng/ul#	79
81) Butylbenzylphthalate	21.02	149	37089	2.034	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.80	252	30759	2.282	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	176689	3.826	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	54673	1.996	ng/ul#	96
85) Chrysene	21.93	228	186289	4.172	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	93028	1.785	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	184615	3.721	ng/ul#	93
89) Benzo(k)fluoranthene	23.66	252	185782	3.795	ng/ul#	92
91) Benzo(a)pyrene	24.26	252	203495	4.114	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.92	276	220283	3.809	ng/ul#	78
93) Dibenzo(a,h)anthracene	26.93	278	183663	3.810	ng/ul#	93
94) Benzo(g,h,i)perylene	27.70	276	187201	3.880	ng/ul#	83

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

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