

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000161.D
 Acq On : 22 Feb 2018 14:40
 Operator : JU/SJ
 Sample : MDL-S-ME-05
 Misc : 1PPM/4PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-05

Quant Time: Feb 22 15:18:59 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 22 11:03:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	110255	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	541794	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	321090	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	713518	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	828432	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	925795	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	11870	4.47	ng/uL	0.00
5) Phenol-d5	7.58	99	311906	27.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	197888	31.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	219375	28.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	258793	28.74	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	105251	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	95555	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	211501	28.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	381091	45.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	760887	31.16	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	968392	30.86	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	119441	24.63	ng/ul	0.00
58) Fluorene-d10	16.04	176	689528	32.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	64105	20.02	ng/ul	0.00
71) Anthracene-d10	17.88	188	1073336	32.05	ng/ul	0.00
79) Pyrene-d10	20.13	212	1192112	30.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1346088	32.08	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	2986	1.020 ng/uL	96
4) Benzaldehyde	7.58	77	21051	5.737 ng/ul	88
6) Phenol	7.60	94	43688	3.702 ng/ul	91
8) Bis(2-Chloroethyl)ether	7.86	93	36818	4.124 ng/ul	94
10) 2-Chlorophenol	8.00	128	30643	3.790 ng/ul	93
11) 2-Methylphenol	8.89	108	26700	3.115 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.98	45	39164	4.050 ng/ul#	92
14) Acetophenone	9.29	105	52348	3.701 ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.26	70	21058	3.297 ng/ul	97
16) 4-Methylphenol	9.21	108	34712	3.615 ng/ul	94
17) Hexachloroethane	9.56	117	11598	3.753 ng/ul#	62
20) Nitrobenzene	9.67	77	39159	3.974 ng/ul	98
21) Isophorone	10.19	82	58336	3.131 ng/ul	99
23) 2-Nitrophenol	10.39	139	14320	3.610 ng/ul	99
24) 2,4-Dimethylphenol	10.43	107	36168	3.509 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.67	93	48952	3.848 ng/ul	97
27) 2,4-Dichlorophenol	10.93	162	29013	3.822 ng/ul#	93
28) Naphthalene	11.35	128	119521	4.172 ng/ul	98
30) 4-Chloroaniline	11.44	127	31827	3.634 ng/ul	89
31) Hexachlorobutadiene	11.62	225	16486	4.100 ng/ul	96
32) Caprolactam	12.16	113	8322	2.892 ng/ul#	71
33) 4-Chloro-3-methylphenol	12.52	107	27969	3.001 ng/ul	94
34) 2-Methylnaphthalene	12.92	142	79277	3.970 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	79007	3.943	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	34907	3.966	ng/ul#	93
38) Hexachlorocyclopentadiene	13.26	237	11417	2.680	ng/ul	94
39) 2,4,6-Trichlorophenol	13.50	196	14914	2.687	ng/ul	90
40) 2,4,5-Trichlorophenol	13.57	196	16784	2.814	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	106169	4.036	ng/ul#	93
42) 2-Chloronaphthalene	13.96	162	80377	3.979	ng/ul	95
43) 2-Nitroaniline	14.14	65	12975	2.508	ng/ul	92
45) Dimethylphthalate	14.50	163	97508	3.931	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	10074	2.431	ng/ul#	66
48) Acenaphthylene	14.79	152	129768	4.075	ng/ul	99
49) 3-Nitroaniline	14.95	138	11672	2.353	ng/ul#	82
50) Acenaphthene	15.13	153	91268	4.064	ng/ul	100
51) 2,4-Dinitrophenol	15.15	184	3272	1.702	ng/ul#	22
53) 4-Nitrophenol	15.23	109	14416	3.524	ng/ul#	76
54) Dibenzofuran	15.45	168	130308	4.180	ng/ul	95
55) 2,4-Dinitrotoluene	15.40	165	19787	3.087	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14097	2.930	ng/ul#	96
57) Diethylphthalate	15.84	149	85571	3.424	ng/ul	94
59) Fluorene	16.10	166	104352	4.170	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	48060	4.252	ng/ul#	83
61) 4-Nitroaniline	16.10	138	17352	2.924	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	16.15	198	9906	2.857	ng/ul#	52
65) N-Nitrosodiphenylamine	16.29	169	82112	3.700	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	23585	3.633	ng/ul#	87
67) Hexachlorobenzene	17.09	284	27395	3.787	ng/ul#	75
68) Atrazine	17.22	200	17073	2.545	ng/ul	95
69) Pentachlorophenol	17.43	266	7741	1.972	ng/ul	93
70) Phenanthrene	17.82	178	171660	4.112	ng/ul	100
72) Anthracene	17.92	178	177490	4.175	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	36345	3.855	ng/uL	99
74) Pentachlorobenzene	15.37	250	34862	3.863	ng/uL	98
75) Carbazole	18.17	167	139954	3.674	ng/ul	98
76) Di-n-butylphthalate	18.70	149	108617	2.628	ng/ul	99
77) Fluoranthene	19.80	202	166105	3.801	ng/ul#	79
80) Pyrene	20.16	202	208126	3.991	ng/ul#	79
81) Butylbenzylphthalate	21.01	149	41072	2.036	ng/ul#	79
82) 3,3'-Dichlorobenzidine	21.80	252	33369	2.237	ng/ul#	97
83) Benzo(a)anthracene	21.87	228	191682	3.751	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	58371	1.926	ng/ul#	97
85) Chrysene	21.93	228	202458	4.098	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	101239	1.792	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	204666	3.807	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	195088	3.678	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	215514	4.020	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	26.92	276	225543	3.599	ng/ul#	80
93) Dibenzo(a,h)anthracene	26.92	278	191696	3.670	ng/ul#	89
94) Benzo(g,h,i)perylene	27.70	276	192965	3.691	ng/ul#	85

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

