

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000162.D
 Acq On : 22 Feb 2018 15:14
 Operator : JU/SJ
 Sample : MDL-W-04
 Misc : 1PPM/4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-04

Quant Time: Feb 22 16:09:23 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	107685	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	521489	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	299858	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	672315	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	779815	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	888864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	11130	4.29	ng/uL	0.00
5) Phenol-d5	7.58	99	281037	25.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	180074	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	201190	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	228469	25.98	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	92334	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	80704	24.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	185197	25.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	332194	41.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	657887	28.85	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	835052	28.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	99349	21.94	ng/ul	0.00
58) Fluorene-d10	16.04	176	597936	29.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	54159	17.95	ng/ul	0.00
71) Anthracene-d10	17.88	188	929309	29.45	ng/ul	0.00
79) Pyrene-d10	20.13	212	1039950	28.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1215576	30.18	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	3472	1.214	ng/uL 89
4) Benzaldehyde	7.58	77	21293	5.941	ng/ul 95
6) Phenol	7.60	94	43297	3.757	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.85	93	37101	4.255	ng/ul 93
10) 2-Chlorophenol	8.00	128	30345	3.843	ng/ul 99
11) 2-Methylphenol	8.89	108	26396	3.153	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.98	45	39294	4.160	ng/ul# 95
14) Acetophenone	9.28	105	51248	3.710	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.26	70	20395	3.270	ng/ul# 93
16) 4-Methylphenol	9.22	108	33916	3.616	ng/ul 86
17) Hexachloroethane	9.56	117	11560	3.830	ng/ul# 63
20) Nitrobenzene	9.68	77	38613	4.071	ng/ul 97
21) Isophorone	10.19	82	55797	3.111	ng/ul 97
23) 2-Nitrophenol	10.39	139	13728	3.596	ng/ul 96
24) 2,4-Dimethylphenol	10.43	107	35864	3.615	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.68	93	47762	3.901	ng/ul 97
27) 2,4-Dichlorophenol	10.93	162	28061	3.841	ng/ul# 91
28) Naphthalene	11.35	128	116141	4.212	ng/ul 99
30) 4-Chloroaniline	11.44	127	31766	3.768	ng/ul 95
31) Hexachlorobutadiene	11.62	225	15616	4.035	ng/ul 95
32) Caprolactam	12.16	113	7840	2.831	ng/ul# 78
33) 4-Chloro-3-methylphenol	12.52	107	26477	2.952	ng/ul 95
34) 2-Methylnaphthalene	12.92	142	77348	4.025	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	74202	3.847	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	34640	4.214	ng/ul#	92
38) Hexachlorocyclopentadiene	13.25	237	10965	2.756	ng/ul	98
39) 2,4,6-Trichlorophenol	13.50	196	14432	2.785	ng/ul	94
40) 2,4,5-Trichlorophenol	13.57	196	15612	2.803	ng/ul	93
41) 1,1'-Biphenyl	13.90	154	102683	4.180	ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	77949	4.132	ng/ul	95
43) 2-Nitroaniline	14.15	65	12402	2.567	ng/ul	93
45) Dimethylphthalate	14.50	163	94369	4.074	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	9653	2.494	ng/ul#	71
48) Acenaphthylene	14.79	152	124505	4.187	ng/ul	98
49) 3-Nitroaniline	14.95	138	11094	2.395	ng/ul#	81
50) Acenaphthene	15.13	153	87524	4.173	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	3185	1.774	ng/ul#	16
53) 4-Nitrophenol	15.23	109	13808	3.615	ng/ul	89
54) Dibenzofuran	15.46	168	126612	4.349	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	17675	2.953	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	15.67	232	13237	2.946	ng/ul#	93
57) Diethylphthalate	15.84	149	82644	3.541	ng/ul	96
59) Fluorene	16.10	166	102044	4.366	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	45533	4.313	ng/ul#	82
61) 4-Nitroaniline	16.10	138	16632	3.001	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	9309	2.849	ng/ul#	82
65) N-Nitrosodiphenylamine	16.29	169	78179	3.739	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	22437	3.668	ng/ul#	82
67) Hexachlorobenzene	17.09	284	26445	3.880	ng/ul#	81
68) Atrazine	17.21	200	16129	2.552	ng/ul	90
69) Pentachlorophenol	17.42	266	7674	2.075	ng/ul#	84
70) Phenanthrene	17.82	178	164111	4.172	ng/ul	100
72) Anthracene	17.92	178	170446	4.255	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	34373	3.869	ng/uL	98
74) Pentachlorobenzene	15.37	250	33635	3.956	ng/uL	98
75) Carbazole	18.17	167	133663	3.724	ng/ul	97
76) Di-n-butylphthalate	18.70	149	102437	2.631	ng/ul	99
77) Fluoranthene	19.80	202	161935	3.932	ng/ul#	79
80) Pyrene	20.16	202	198056	4.035	ng/ul#	75
81) Butylbenzylphthalate	21.01	149	39141	2.061	ng/ul#	79
82) 3,3'-Dichlorobenzidine	21.80	252	33496	2.386	ng/ul#	95
83) Benzo(a)anthracene	21.87	228	184920	3.844	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	56419	1.977	ng/ul#	93
85) Chrysene	21.93	228	200975	4.321	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	99398	1.833	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	197075	3.818	ng/ul#	93
89) Benzo(k)fluoranthene	23.66	252	202664	3.979	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	218644	4.248	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.91	276	237290	3.944	ng/ul#	82
93) Dibenzo(a,h)anthracene	26.93	278	198782	3.963	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	196161	3.908	ng/ul#	83

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

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