

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000151.D
 Acq On : 21 Feb 2018 16:17
 Operator : JU/SJ
 Sample : MDL-W-03
 Misc : 1 PPM/4 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Quant Time: Feb 21 16:59:43 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 16:56:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	110778	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	542546	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.07	164	320975	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	707416	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	813436	20.00	ng/ul	0.00
86) Perylene-d12	24.38	264	915132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	10236	3.83	ng/uL	0.00
5) Phenol-d5	7.58	99	288090	25.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	181726	28.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	207033	27.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	234435	25.92	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	94765	26.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	84825	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	192074	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	342229	40.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	679967	27.85	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	869291	27.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	101979	21.04	ng/ul	0.00
58) Fluorene-d10	16.05	176	615670	28.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.15	200	55147	17.37	ng/ul	0.00
71) Anthracene-d10	17.88	188	951449	28.66	ng/ul	0.00
79) Pyrene-d10	20.13	212	1052525	27.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1195167	28.82	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.65	88	3371	1.146 ng/uL#	90
4) Benzaldehyde	7.58	77	25205	6.836 ng/ul	95
6) Phenol	7.60	94	37922	3.198 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.86	93	32836	3.661 ng/ul	93
10) 2-Chlorophenol	8.01	128	26389	3.248 ng/ul	95
11) 2-Methylphenol	8.89	108	23474	2.726 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.99	45	34342	3.534 ng/ul	96
14) Acetophenone	9.29	105	44964	3.164 ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	19204	2.993 ng/ul	93
16) 4-Methylphenol	9.22	108	29424	3.050 ng/ul	93
17) Hexachloroethane	9.56	117	10099	3.252 ng/ul#	61
20) Nitrobenzene	9.67	77	34872	3.534 ng/ul	98
21) Isophorone	10.20	82	50268	2.694 ng/ul	98
23) 2-Nitrophenol	10.40	139	12617	3.176 ng/ul	94
24) 2,4-Dimethylphenol	10.43	107	31425	3.044 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.68	93	42898	3.368 ng/ul	100
27) 2,4-Dichlorophenol	10.93	162	25382	3.339 ng/ul#	90
28) Naphthalene	11.35	128	103447	3.606 ng/ul	97
30) 4-Chloroaniline	11.44	127	33183	3.783 ng/ul	100
31) Hexachlorobutadiene	11.62	225	13951	3.465 ng/ul	98
32) Caprolactam	12.17	113	7322	2.541 ng/ul#	72
33) 4-Chloro-3-methylphenol	12.52	107	23636	2.533 ng/ul	98
34) 2-Methylnaphthalene	12.92	142	68969	3.449 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	67400	3.359	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	30620	3.480	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	10081	2.367	ng/ul	94
39) 2,4,6-Trichlorophenol	13.51	196	12702	2.290	ng/ul	96
40) 2,4,5-Trichlorophenol	13.57	196	14560	2.442	ng/ul	98
41) 1,1'-Biphenyl	13.91	154	92700	3.525	ng/ul#	92
42) 2-Chloronaphthalene	13.96	162	69519	3.443	ng/ul	96
43) 2-Nitroaniline	14.15	65	11081	2.143	ng/ul	87
45) Dimethylphthalate	14.50	163	84627	3.413	ng/ul	98
46) 2,6-Dinitrotoluene	14.63	165	8748	2.112	ng/ul#	78
48) Acenaphthylene	14.79	152	113195	3.556	ng/ul	99
49) 3-Nitroaniline	14.96	138	10400	2.098	ng/ul#	89
50) Acenaphthene	15.13	153	79752	3.553	ng/ul	98
51) 2,4-Dinitrophenol	15.16	184	3290	1.712	ng/ul#	68
53) 4-Nitrophenol	15.23	109	12578	3.076	ng/ul#	81
54) Dibenzofuran	15.46	168	111504	3.578	ng/ul	98
55) 2,4-Dinitrotoluene	15.40	165	15332	2.393	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.67	232	11182	2.325	ng/ul	97
57) Diethylphthalate	15.85	149	74165	2.969	ng/ul	94
59) Fluorene	16.10	166	90839	3.631	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	41672	3.688	ng/ul#	83
61) 4-Nitroaniline	16.10	138	14412	2.430	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	16.16	198	8006	2.329	ng/ul#	46
65) N-Nitrosodiphenylamine	16.29	169	69016	3.137	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	20297	3.153	ng/ul#	83
67) Hexachlorobenzene	17.09	284	24145	3.366	ng/ul#	79
68) Atrazine	17.22	200	14218	2.138	ng/ul	96
69) Pentachlorophenol	17.43	266	6558	1.685	ng/ul	99
70) Phenanthrene	17.83	178	147650	3.567	ng/ul	98
72) Anthracene	17.92	178	147880	3.509	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.88	216	30767	3.291	ng/uL	99
74) Pentachlorobenzene	15.37	250	29737	3.324	ng/uL	93
75) Carbazole	18.17	167	116962	3.097	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	90590	2.211	ng/ul#	98
77) Fluoranthene	19.80	202	141423	3.264	ng/ul#	82
80) Pyrene	20.16	202	175841	3.434	ng/ul#	79
81) Butylbenzylphthalate	21.02	149	33827	1.708	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.80	252	32287	2.204	ng/ul#	95
83) Benzo(a)anthracene	21.88	228	161652	3.221	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	48003	1.613	ng/ul#	93
85) Chrysene	21.94	228	172113	3.548	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	83369	1.493	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	169537	3.190	ng/ul#	93
89) Benzo(k)fluoranthene	23.67	252	169186	3.227	ng/ul#	94
91) Benzo(a)pyrene	24.27	252	179253	3.383	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.93	276	196940	3.179	ng/ul#	79
93) Dibenzo(a,h)anthracene	26.93	278	163143	3.159	ng/ul#	90
94) Benzo(g,h,i)perylene	27.72	276	166698	3.226	ng/ul#	85

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

