

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000149.D
 Acq On : 21 Feb 2018 15:07
 Operator : JU/SJ
 Sample : MDL-W-01
 Misc : 1 PPM/4 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Quant Time: Feb 21 15:39:20 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	109488	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	542518	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	315228	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	698281	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	800200	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	889614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12330	4.67	ng/uL	0.00
5) Phenol-d5	7.58	99	293474	26.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	184330	29.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	210750	27.81	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	238289	26.65	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	96818	27.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	85854	25.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	194911	25.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	347295	41.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	688174	28.70	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	868612	28.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	102947	21.62	ng/ul	0.00
58) Fluorene-d10	16.05	176	615777	29.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	54967	17.54	ng/ul	0.00
71) Anthracene-d10	17.88	188	949711	28.98	ng/ul	0.00
79) Pyrene-d10	20.13	212	1050339	27.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1186007	29.42	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	3838	1.320	ng/uL 98
4) Benzaldehyde	7.58	77	28049	7.697	ng/ul 99
6) Phenol	7.60	94	42468	3.624	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.86	93	36337	4.099	ng/ul 94
10) 2-Chlorophenol	8.00	128	30538	3.803	ng/ul 98
11) 2-Methylphenol	8.89	108	27490	3.230	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.99	45	38833	4.044	ng/ul# 95
14) Acetophenone	9.29	105	51513	3.668	ng/ul 95
15) N-Nitroso-di-n-propylamine	9.26	70	21212	3.345	ng/ul# 93
16) 4-Methylphenol	9.22	108	33390	3.501	ng/ul 93
17) Hexachloroethane	9.56	117	11236	3.661	ng/ul# 70
20) Nitrobenzene	9.68	77	40171	4.071	ng/ul 97
21) Isophorone	10.20	82	58600	3.141	ng/ul 97
23) 2-Nitrophenol	10.40	139	13974	3.518	ng/ul 94
24) 2,4-Dimethylphenol	10.43	107	35919	3.480	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.68	93	48918	3.840	ng/ul 100
27) 2,4-Dichlorophenol	10.93	162	28283	3.721	ng/ul# 82
28) Naphthalene	11.35	128	115956	4.042	ng/ul 98
30) 4-Chloroaniline	11.44	127	38365	4.374	ng/ul 98
31) Hexachlorobutadiene	11.62	225	16306	4.050	ng/ul 95
32) Caprolactam	12.16	113	8047	2.793	ng/ul 83
33) 4-Chloro-3-methylphenol	12.53	107	27493	2.946	ng/ul# 96
34) 2-Methylnaphthalene	12.92	142	78345	3.918	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	75829	3.779	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	34334	3.973	ng/ul#	91
38) Hexachlorocyclopentadiene	13.26	237	11838	2.830	ng/ul	96
39) 2,4,6-Trichlorophenol	13.51	196	14806	2.718	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	16545	2.825	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	102510	3.969	ng/ul#	95
42) 2-Chloronaphthalene	13.96	162	77853	3.926	ng/ul	94
43) 2-Nitroaniline	14.15	65	12826	2.526	ng/ul#	83
45) Dimethylphthalate	14.50	163	94812	3.893	ng/ul	98
46) 2,6-Dinitrotoluene	14.63	165	9511	2.338	ng/ul#	73
48) Acenaphthylene	14.79	152	125612	4.018	ng/ul	100
49) 3-Nitroaniline	14.96	138	11830	2.430	ng/ul#	75
50) Acenaphthene	15.13	153	87510	3.969	ng/ul	97
51) 2,4-Dinitrophenol	15.15	184	3085	1.635	ng/ul#	1
53) 4-Nitrophenol	15.23	109	13814	3.440	ng/ul	91
54) Dibenzofuran	15.46	168	126059	4.119	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	17467	2.776	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.67	232	12838	2.718	ng/ul#	94
57) Diethylphthalate	15.85	149	84127	3.429	ng/ul	95
59) Fluorene	16.10	166	100335	4.084	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	45687	4.117	ng/ul#	84
61) 4-Nitroaniline	16.10	138	16696	2.866	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	9176	2.704	ng/ul#	59
65) N-Nitrosodiphenylamine	16.29	169	77764	3.581	ng/ul	99
66) 4-Bromophenyl-phenylether	16.97	248	21759	3.425	ng/ul#	80
67) Hexachlorobenzene	17.09	284	27597	3.898	ng/ul#	80
68) Atrazine	17.22	200	16684	2.541	ng/ul	89
69) Pentachlorophenol	17.43	266	7735	2.014	ng/ul	95
70) Phenanthrene	17.82	178	165167	4.043	ng/ul	99
72) Anthracene	17.92	178	167684	4.031	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	35045	3.798	ng/uL	97
74) Pentachlorobenzene	15.37	250	32922	3.728	ng/uL	97
75) Carbazole	18.17	167	131520	3.528	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	105350	2.605	ng/ul	98
77) Fluoranthene	19.80	202	157537	3.683	ng/ul#	80
80) Pyrene	20.16	202	194746	3.867	ng/ul#	75
81) Butylbenzylphthalate	21.01	149	38862	1.994	ng/ul#	75
82) 3,3'-Dichlorobenzidine	21.80	252	37047	2.571	ng/ul#	96
83) Benzo(a)anthracene	21.87	228	181367	3.674	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	56415	1.927	ng/ul#	94
85) Chrysene	21.93	228	190389	3.990	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	96991	1.787	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	191415	3.705	ng/ul#	95
89) Benzo(k)fluoranthene	23.66	252	187137	3.671	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	204699	3.974	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	219818	3.650	ng/ul#	79
93) Dibenzo(a,h)anthracene	26.93	278	182127	3.628	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	188368	3.750	ng/ul#	86

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

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