

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022218\
 Data File : BN000163.D
 Acq On : 22 Feb 2018 15:48
 Operator : JU/SJ
 Sample : MDL-W-05
 Misc : 1PPM/4PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-05

Quant Time: Feb 22 16:33:00 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	125576	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	620947	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	363382	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	792092	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	887356	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	982603	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	13488	4.46	ng/uL	0.00
5) Phenol-d5	7.58	99	336367	26.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	214026	29.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	242219	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	275489	26.87	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	113102	27.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	102012	26.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	223783	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	399449	41.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	802412	29.03	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	1029654	28.99	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	120328	21.92	ng/ul	0.00
58) Fluorene-d10	16.04	176	724825	29.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	66817	18.80	ng/ul	0.00
71) Anthracene-d10	17.88	188	1108529	29.82	ng/ul	0.00
79) Pyrene-d10	20.13	212	1212719	28.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1329228	29.85	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.65	88	3601	1.080 ng/uL#	92
4) Benzaldehyde	7.58	77	22086	5.285 ng/ul	91
6) Phenol	7.60	94	46310	3.446 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.85	93	38272	3.764 ng/ul	98
10) 2-Chlorophenol	8.00	128	32404	3.519 ng/ul	93
11) 2-Methylphenol	8.89	108	27881	2.856 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.98	45	41820	3.797 ng/ul#	94
14) Acetophenone	9.29	105	54894	3.408 ng/ul	98
15) N-Nitroso-di-n-propylamine	9.26	70	22678	3.118 ng/ul#	95
16) 4-Methylphenol	9.21	108	36060	3.297 ng/ul	90
17) Hexachloroethane	9.56	117	11968	3.400 ng/ul#	65
20) Nitrobenzene	9.67	77	41902	3.710 ng/ul	94
21) Isophorone	10.19	82	63051	2.953 ng/ul	96
23) 2-Nitrophenol	10.39	139	14876	3.272 ng/ul	92
24) 2,4-Dimethylphenol	10.43	107	38584	3.266 ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.67	93	52040	3.569 ng/ul	99
27) 2,4-Dichlorophenol	10.92	162	30280	3.480 ng/ul#	88
28) Naphthalene	11.35	128	124800	3.801 ng/ul	99
30) 4-Chloroaniline	11.44	127	34693	3.456 ng/ul	94
31) Hexachlorobutadiene	11.62	225	16680	3.619 ng/ul	94
32) Caprolactam	12.16	113	8456	2.564 ng/ul#	79
33) 4-Chloro-3-methylphenol	12.52	107	28866	2.703 ng/ul	99
34) 2-Methylnaphthalene	12.92	142	82934	3.624 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	83358	3.630	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	37095	3.724	ng/ul#	91
38) Hexachlorocyclopentadiene	13.26	237	12015	2.492	ng/ul	92
39) 2,4,6-Trichlorophenol	13.50	196	16199	2.579	ng/ul	94
40) 2,4,5-Trichlorophenol	13.57	196	17899	2.651	ng/ul	95
41) 1,1'-Biphenyl	13.90	154	111039	3.730	ng/ul#	93
42) 2-Chloronaphthalene	13.95	162	82764	3.620	ng/ul	95
43) 2-Nitroaniline	14.14	65	13269	2.267	ng/ul	90
45) Dimethylphthalate	14.50	163	104359	3.718	ng/ul#	97
46) 2,6-Dinitrotoluene	14.63	165	10407	2.219	ng/ul#	76
48) Acenaphthylene	14.79	152	135772	3.768	ng/ul	99
49) 3-Nitroaniline	14.95	138	12190	2.172	ng/ul#	94
50) Acenaphthene	15.13	153	95288	3.749	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	3452	1.587	ng/ul#	25
53) 4-Nitrophenol	15.23	109	15026	3.246	ng/ul#	82
54) Dibenzofuran	15.46	168	137250	3.891	ng/ul	99
55) 2,4-Dinitrotoluene	15.40	165	19831	2.734	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14071	2.584	ng/ul#	98
57) Diethylphthalate	15.84	149	91538	3.237	ng/ul#	93
59) Fluorene	16.10	166	109217	3.856	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.08	204	50046	3.912	ng/ul#	87
61) 4-Nitroaniline	16.10	138	17866	2.661	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	16.15	198	10273	2.669	ng/ul#	51
65) N-Nitrosodiphenylamine	16.29	169	83522	3.391	ng/ul	97
66) 4-Bromophenyl-phenylether	16.97	248	24591	3.412	ng/ul#	79
67) Hexachlorobenzene	17.09	284	28718	3.576	ng/ul#	80
68) Atrazine	17.21	200	17791	2.389	ng/ul	94
69) Pentachlorophenol	17.43	266	7654	1.757	ng/ul	96
70) Phenanthrene	17.82	178	175510	3.787	ng/ul	99
72) Anthracene	17.92	178	179358	3.801	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	38561	3.684	ng/uL	99
74) Pentachlorobenzene	15.37	250	36426	3.636	ng/uL	97
75) Carbazole	18.17	167	140915	3.332	ng/ul#	97
76) Di-n-butylphthalate	18.70	149	113069	2.465	ng/ul	98
77) Fluoranthene	19.80	202	170217	3.508	ng/ul#	81
80) Pyrene	20.16	202	207146	3.709	ng/ul#	76
81) Butylbenzylphthalate	21.01	149	40597	1.879	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.80	252	33955	2.125	ng/ul#	96
83) Benzo(a)anthracene	21.87	228	188987	3.452	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	59336	1.827	ng/ul#	96
85) Chrysene	21.93	228	199809	3.776	ng/ul	98
87) Di-n-octyl phthalate	22.72	149	101403	1.691	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	202219	3.544	ng/ul#	93
89) Benzo(k)fluoranthene	23.66	252	189180	3.360	ng/ul#	93
91) Benzo(a)pyrene	24.26	252	211567	3.718	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.91	276	220514	3.315	ng/ul#	81
93) Dibenzo(a,h)anthracene	26.92	278	182563	3.293	ng/ul#	92
94) Benzo(g,h,i)perylene	27.70	276	187129	3.372	ng/ul#	84

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

