

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN022318\
 Data File : BN000178.D
 Acq On : 23 Feb 2018 18:08
 Operator : JU/SJ
 Sample : MDL-W-07
 Misc : 1PPM/4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-07

Quant Time: Feb 23 18:38:19 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 10:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	73641	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	361452	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	207518	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	487789	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	692040	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	861819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7944	4.48	ng/uL	0.00
5) Phenol-d5	7.58	99	173630	23.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	110987	26.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	123211	24.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	136057	22.63	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	53347	22.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	45985	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	109445	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	202778	36.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	388846	24.64	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	490515	24.18	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	57656	18.40	ng/ul	0.00
58) Fluorene-d10	16.04	176	372167	26.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	28989	13.24	ng/ul	0.00
71) Anthracene-d10	17.88	188	587826	25.68	ng/ul	0.00
79) Pyrene-d10	20.13	212	716994	21.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	1020670	26.13	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.66	88	2346	1.200	ng/uL# 80
4) Benzaldehyde	7.57	77	18570	7.577	ng/ul 96
6) Phenol	7.60	94	24445	3.102	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.85	93	21138	3.545	ng/ul 90
10) 2-Chlorophenol	8.00	128	17408	3.223	ng/ul 93
11) 2-Methylphenol	8.88	108	15603	2.726	ng/ul 90
12) 2,2'-oxybis(1-Chloropropan	8.98	45	22899	3.545	ng/ul# 91
14) Acetophenone	9.28	105	29309	3.103	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.25	70	12006	2.815	ng/ul# 89
16) 4-Methylphenol	9.21	108	20036	3.124	ng/ul 98
17) Hexachloroethane	9.56	117	6591	3.193	ng/ul# 60
20) Nitrobenzene	9.68	77	22569	3.433	ng/ul 98
21) Isophorone	10.19	82	31107	2.503	ng/ul 97
23) 2-Nitrophenol	10.39	139	7457	2.818	ng/ul 93
24) 2,4-Dimethylphenol	10.43	107	20082	2.920	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.67	93	26972	3.178	ng/ul# 96
27) 2,4-Dichlorophenol	10.92	162	15527	3.066	ng/ul# 86
28) Naphthalene	11.35	128	69723	3.648	ng/ul 98
30) 4-Chloroaniline	11.44	127	17140	2.933	ng/ul 97
31) Hexachlorobutadiene	11.62	225	9406	3.506	ng/ul 90
32) Caprolactam	12.16	113	5136	2.675	ng/ul# 72
33) 4-Chloro-3-methylphenol	12.52	107	14561	2.342	ng/ul 97
34) 2-Methylnaphthalene	12.92	142	44826	3.365	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.13	142	44108	3.300	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.27	216	19988	3.513	ng/ul#	94
38) Hexachlorocyclopentadiene	13.25	237	5716	2.076	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.50	196	7996	2.229	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	8311	2.156	ng/ul	98
41) 1,1'-Biphenyl	13.90	154	59377	3.493	ng/ul#	96
42) 2-Chloronaphthalene	13.95	162	46263	3.543	ng/ul	97
43) 2-Nitroaniline	14.14	65	7075	2.116	ng/ul	97
45) Dimethylphthalate	14.50	163	52212	3.257	ng/ul	97
46) 2,6-Dinitrotoluene	14.62	165	5414	2.021	ng/ul#	79
48) Acenaphthylene	14.79	152	71341	3.467	ng/ul	98
49) 3-Nitroaniline	14.95	138	6683	2.085	ng/ul#	92
50) Acenaphthene	15.13	153	50935	3.509	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	2743	2.208	ng/ul#	32
53) 4-Nitrophenol	15.23	109	7818	2.957	ng/ul#	82
54) Dibenzofuran	15.45	168	73862	3.666	ng/ul	96
55) 2,4-Dinitrotoluene	15.40	165	9026	2.179	ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	15.67	232	6781	2.180	ng/ul#	96
57) Diethylphthalate	15.84	149	45966	2.846	ng/ul#	92
59) Fluorene	16.10	166	58420	3.612	ng/ul	95
60) 4-Chlorophenyl-phenylether	16.08	204	27642	3.784	ng/ul#	85
61) 4-Nitroaniline	16.10	138	9350	2.438	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.16	198	4505	1.900	ng/ul#	74
65) N-Nitrosodiphenylamine	16.29	169	44674	2.945	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	12780	2.879	ng/ul#	82
67) Hexachlorobenzene	17.09	284	15883	3.212	ng/ul#	75
68) Atrazine	17.21	200	8843	1.928	ng/ul	97
69) Pentachlorophenol	17.43	266	4357	1.624	ng/ul	91
70) Phenanthrene	17.82	178	101938	3.572	ng/ul	100
72) Anthracene	17.91	178	102092	3.513	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	20103	3.119	ng/uL	98
74) Pentachlorobenzene	15.37	250	19945	3.233	ng/uL	95
75) Carbazole	18.17	167	81206	3.118	ng/ul	98
76) Di-n-butylphthalate	18.70	149	58178	2.059	ng/ul#	97
77) Fluoranthene	19.80	202	100821	3.374	ng/ul#	79
80) Pvrene	20.16	202	131643	3.022	ng/ul#	78
81) Butylbenzylphthalate	21.01	149	26126	1.550	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.80	252	25054	2.011	ng/ul#	93
83) Benzo(a)anthracene	21.87	228	134904	3.160	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	40881	1.614	ng/ul#	94
85) Chrysene	21.93	228	145045	3.514	ng/ul	97
87) Di-n-octyl phthalate	22.72	149	72200	1.373	ng/ul	100
88) Benzo(b)fluoranthene	23.61	252	154792	3.093	ng/ul#	95
89) Benzo(k)fluoranthene	23.66	252	162073	3.282	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	173236	3.472	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	26.92	276	200414	3.435	ng/ul#	75
93) Dibenzo(a,h)anthracene	26.92	278	166257	3.419	ng/ul#	90
94) Benzo(a,h,i)perylene	27.70	276	170899	3.512	ng/ul#	88

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

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