

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022118\
 Data File : BN000145.D
 Acq On : 21 Feb 2018 12:48
 Operator : JU/SJ
 Sample : MDL-S-03
 Misc : 1 PPM/4 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Quant Time: Feb 21 13:19:07 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	113399	20.00	ng/ul	0.00
18) Naphthalene-d8	11.30	136	564597	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	335416	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.79	188	752558	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	884964	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	978091	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12712	4.65	ng/uL	0.00
5) Phenol-d5	7.58	99	305124	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	191191	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.98	132	218724	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	251422	27.15	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	101543	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	91893	26.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	206369	26.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	362644	41.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.46	166	734211	28.78	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	930815	28.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	114919	22.69	ng/ul	0.00
58) Fluorene-d10	16.05	176	662533	29.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	61986	18.35	ng/ul	0.00
71) Anthracene-d10	17.88	188	1033844	29.27	ng/ul	0.00
79) Pyrene-d10	20.13	212	1153207	27.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.22	264	1308762	29.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	3794	1.260	ng/uL 95
4) Benzaldehyde	7.58	77	28656	7.593	ng/ul 95
6) Phenol	7.60	94	43991	3.625	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.86	93	38029	4.142	ng/ul 88
10) 2-Chlorophenol	8.01	128	31306	3.764	ng/ul 95
11) 2-Methylphenol	8.89	108	28057	3.183	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.99	45	40550	4.077	ng/ul# 92
14) Acetophenone	9.29	105	53930	3.707	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.26	70	22287	3.393	ng/ul 96
16) 4-Methylphenol	9.22	108	36189	3.664	ng/ul 94
17) Hexachloroethane	9.56	117	11726	3.689	ng/ul# 70
20) Nitrobenzene	9.68	77	40681	3.961	ng/ul 94
21) Isophorone	10.20	82	61291	3.157	ng/ul 98
23) 2-Nitrophenol	10.39	139	14434	3.492	ng/ul 95
24) 2,4-Dimethylphenol	10.43	107	38357	3.571	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.68	93	49867	3.762	ng/ul 94
27) 2,4-Dichlorophenol	10.93	162	29712	3.756	ng/ul# 90
28) Naphthalene	11.35	128	120825	4.047	ng/ul 99
30) 4-Chloroaniline	11.45	127	39430	4.320	ng/ul 98
31) Hexachlorobutadiene	11.62	225	16729	3.992	ng/ul 96
32) Caprolactam	12.16	113	8326	2.777	ng/ul# 79
33) 4-Chloro-3-methylphenol	12.52	107	28846	2.970	ng/ul 95
34) 2-Methylnaphthalene	12.92	142	81684	3.926	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.14	142	79338	3.800	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	35775	3.891	ng/ul#	91
38) Hexachlorocyclopentadiene	13.26	237	11744	2.639	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.50	196	15826	2.730	ng/ul	99
40) 2,4,5-Trichlorophenol	13.57	196	18434	2.958	ng/ul	96
41) 1,1'-Biphenyl	13.90	154	107728	3.920	ng/ul#	94
42) 2-Chloronaphthalene	13.96	162	80686	3.824	ng/ul	95
43) 2-Nitroaniline	14.15	65	13541	2.506	ng/ul	94
45) Dimethylphthalate	14.50	163	101679	3.924	ng/ul#	97
46) 2,6-Dinitrotoluene	14.62	165	10490	2.423	ng/ul#	81
48) Acenaphthylene	14.79	152	132311	3.978	ng/ul	99
49) 3-Nitroaniline	14.95	138	13087	2.526	ng/ul#	86
50) Acenaphthene	15.13	153	93199	3.973	ng/ul	98
51) 2,4-Dinitrophenol	15.15	184	3347	1.667	ng/ul#	1
53) 4-Nitrophenol	15.23	109	15350	3.592	ng/ul	86
54) Dibenzofuran	15.46	168	133885	4.112	ng/ul	96
55) 2,4-Dinitrotoluene	15.40	165	19805	2.958	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.67	232	14118	2.809	ng/ul#	88
57) Diethylphthalate	15.85	149	90909	3.482	ng/ul	95
59) Fluorene	16.10	166	107033	4.094	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	49322	4.177	ng/ul#	85
61) 4-Nitroaniline	16.10	138	18602	3.001	ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	16.16	198	10186	2.785	ng/ul#	76
65) N-Nitrosodiphenylamine	16.29	169	82946	3.544	ng/ul	98
66) 4-Bromophenyl-phenylether	16.97	248	23986	3.503	ng/ul#	79
67) Hexachlorobenzene	17.09	284	28668	3.757	ng/ul#	80
68) Atrazine	17.22	200	18149	2.565	ng/ul	94
69) Pentachlorophenol	17.43	266	8528	2.060	ng/ul	96
70) Phenanthrene	17.83	178	176544	4.010	ng/ul	100
72) Anthracene	17.92	178	180305	4.021	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	37192	3.740	ng/uL	96
74) Pentachlorobenzene	15.37	250	35845	3.766	ng/uL	98
75) Carbazole	18.17	167	148934	3.707	ng/ul#	98
76) Di-n-butylphthalate	18.70	149	116072	2.663	ng/ul	99
77) Fluoranthene	19.80	202	174784	3.792	ng/ul#	80
80) Pyrene	20.16	202	211547	3.798	ng/ul#	75
81) Butylbenzylphthalate	21.01	149	45395	2.106	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.80	252	42783	2.685	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	200963	3.681	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	64865	2.003	ng/ul#	93
85) Chrysene	21.93	228	211119	4.000	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	115321	1.932	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	209633	3.691	ng/ul#	94
89) Benzo(k)fluoranthene	23.66	252	206567	3.686	ng/ul#	94
91) Benzo(a)pyrene	24.26	252	222999	3.938	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	238480	3.602	ng/ul#	80
93) Dibenzo(a,h)anthracene	26.93	278	200594	3.635	ng/ul#	90
94) Benzo(g,h,i)perylene	27.70	276	201842	3.654	ng/ul#	84

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

