

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004402.D
 Acq On : 13 Feb 2019 20:44
 Operator : JU/SJ
 Sample : MDL-S-07
 Misc : 1PPM/4PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-07

Quant Time: Feb 14 06:49:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 06:43:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26088	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	127136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82487	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	204433	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	271512	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	311527	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2717	6.26	ng/uL	0.00
5) Phenol-d5	6.90	99	61624	26.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	33838	29.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	54762	29.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	54074	27.06	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	25882	30.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	27561	31.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	56063	28.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	79081	35.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	214071	30.60	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	256126	30.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	34475	25.74	ng/ul	0.00
58) Fluorene-d10	15.38	176	187601	30.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	29052	24.37	ng/ul	0.00
71) Anthracene-d10	17.23	188	303611	30.99	ng/ul	0.00
79) Pyrene-d10	19.53	212	371865	30.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	456746	27.94	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	782	1.465	ng/uL# 79
4) Benzaldehyde	6.90	77	3277	2.455	ng/ul 95
6) Phenol	6.93	94	7673	3.305	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.18	93	5855	3.526	ng/ul 99
10) 2-Chlorophenol	7.31	128	6701	3.570	ng/ul 99
11) 2-Methylphenol	8.18	108	5467	2.944	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6903	3.507	ng/ul 99
14) Acetophenone	8.57	105	10093	3.389	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.55	70	3969	3.107	ng/ul# 96
16) 4-Methylphenol	8.50	108	6534	3.179	ng/ul 99
17) Hexachloroethane	8.82	117	2330	3.545	ng/ul 97
20) Nitrobenzene	8.95	77	6994	3.798	ng/ul 90
21) Isophorone	9.46	82	11483	3.044	ng/ul 98
23) 2-Nitrophenol	9.65	139	3687	3.741	ng/ul 94
24) 2,4-Dimethylphenol	9.70	107	7737	3.480	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.95	93	8036	3.283	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	7043	3.581	ng/ul 95
28) Naphthalene	10.58	128	24919	3.802	ng/ul 99
30) 4-Chloroaniline	10.70	127	7846	3.558	ng/ul 97
31) Hexachlorobutadiene	10.85	225	5002	3.934	ng/ul 98
32) Caprolactam	11.49	113	1029	1.550	ng/ul 92
33) 4-Chloro-3-methylphenol	11.81	107	6451	3.041	ng/ul 98
34) 2-Methylnaphthalene	12.20	142	18522	3.684	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18423	3.715	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10484	3.818	ng/ul	95
38) Hexachlorocyclopentadiene	12.53	237	5247	3.073	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	4754	2.930	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	5628	3.088	ng/ul	95
41) 1,1'-Biphenyl	13.22	154	25119	3.769	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	19262	3.715	ng/ul	98
43) 2-Nitroaniline	13.47	65	2682	2.534	ng/ul	94
45) Dimethylphthalate	13.85	163	25340	3.664	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	3336	2.736	ng/ul	98
48) Acenaphthylene	14.11	152	30111	3.826	ng/ul	98
49) 3-Nitroaniline	14.30	138	2591	2.082	ng/ul#	95
50) Acenaphthene	14.45	153	21650	3.819	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1406	1.854	ng/ul	96
53) 4-Nitrophenol	14.59	109	3457	3.472	ng/ul	93
54) Dibenzofuran	14.79	168	31545	3.847	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	5599	2.927	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5157	3.101	ng/ul#	96
57) Diethylphthalate	15.21	149	22903	3.356	ng/ul	99
59) Fluorene	15.43	166	25590	3.851	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	13651	3.882	ng/ul	98
61) 4-Nitroaniline	15.46	138	3219	1.988	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3936	3.140	ng/ul#	82
65) N-Nitrosodiphenylamine	15.65	169	21335	3.644	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	8397	3.676	ng/ul	100
67) Hexachlorobenzene	16.43	284	9764	3.649	ng/ul	99
68) Atrazine	16.59	200	6287	2.788	ng/ul	98
69) Pentachlorophenol	16.77	266	3641	2.334	ng/ul	98
70) Phenanthrene	17.17	178	43153	3.804	ng/ul	100
72) Anthracene	17.27	178	43640	3.822	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10809	3.855	ng/uL	98
74) Pentachlorobenzene	14.69	250	11610	3.874	ng/uL	99
75) Carbazole	17.54	167	34602	3.391	ng/ul	99
76) Di-n-butylphthalate	18.10	149	30569	2.729	ng/ul	99
77) Fluoranthene	19.20	202	50311	3.603	ng/ul	98
80) Pvrene	19.56	202	56463	3.760	ng/ul	99
81) Butylbenzylphthalate	20.46	149	11870	2.301	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	10721	1.883	ng/ul	97
83) Benzo(a)anthracene	21.32	228	60593	3.621	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	17578	2.273	ng/ul	99
85) Chrysene	21.36	228	60459	3.806	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	32660	2.190	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	66554	3.607	ng/ul	98
89) Benzo(k)fluoranthene	22.96	252	65914	3.675	ng/ul	99
91) Benzo(a)pyrene	23.50	252	68242	3.791	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	82891	3.626	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	70957	3.731	ng/ul	99
94) Benzo(a,h,i)perylene	26.60	276	71540	3.734	ng/ul	97

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

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