

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004396.D
 Acq On : 13 Feb 2019 17:12
 Operator : JU/SJ
 Sample : MDL-W-02
 Misc : 1PPM/4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-02

Quant Time: Feb 14 16:37:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	24452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	117994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77401	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	192201	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	258951	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	303071	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2702	6.64	ng/uL	0.00
5) Phenol-d5	6.90	99	55291	25.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	30244	27.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	49781	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	49061	26.19	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	23322	29.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24754	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	50113	27.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	71522	34.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	195328	29.76	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	232049	29.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31393	24.98	ng/ul	0.00
58) Fluorene-d10	15.38	176	170430	29.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26532	23.67	ng/ul	0.00
71) Anthracene-d10	17.23	188	280473	30.45	ng/ul	0.00
79) Pyrene-d10	19.53	212	343067	29.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	425399	26.75	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	615	1.229	ng/uL# 76
4) Benzaldehyde	6.90	77	2991	2.391	ng/ul 97
6) Phenol	6.93	94	7349	3.378	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.18	93	5490	3.527	ng/ul 96
10) 2-Chlorophenol	7.31	128	6262	3.559	ng/ul 100
11) 2-Methylphenol	8.18	108	5150	2.959	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6607	3.582	ng/ul 99
14) Acetophenone	8.57	105	9405	3.369	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	3716	3.103	ng/ul# 95
16) 4-Methylphenol	8.50	108	6194	3.216	ng/ul 99
17) Hexachloroethane	8.82	117	2188	3.552	ng/ul 85
20) Nitrobenzene	8.95	77	6448	3.773	ng/ul 98
21) Isophorone	9.46	82	11104	3.172	ng/ul 98
23) 2-Nitrophenol	9.65	139	3458	3.781	ng/ul 97
24) 2,4-Dimethylphenol	9.70	107	7182	3.481	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.95	93	7625	3.357	ng/ul 97
27) 2,4-Dichlorophenol	10.18	162	6751	3.699	ng/ul 95
28) Naphthalene	10.58	128	23579	3.876	ng/ul 100
30) 4-Chloroaniline	10.70	127	7257	3.546	ng/ul 98
31) Hexachlorobutadiene	10.85	225	4772	4.044	ng/ul 98
32) Caprolactam	11.48	113	1096	1.778	ng/ul 98
33) 4-Chloro-3-methylphenol	11.81	107	6010	3.053	ng/ul 97
34) 2-Methylnaphthalene	12.20	142	17963	3.849	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	17602	3.825	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10130	3.931	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5168	3.226	ng/ul	95
39) 2,4,6-Trichlorophenol	12.80	196	4558	2.994	ng/ul	93
40) 2,4,5-Trichlorophenol	12.88	196	5270	3.081	ng/ul	91
41) 1,1'-Biphenyl	13.22	154	24032	3.843	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	18510	3.805	ng/ul	99
43) 2-Nitroaniline	13.47	65	2491	2.508	ng/ul	93
45) Dimethylphthalate	13.85	163	24323	3.748	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3153	2.756	ng/ul	100
48) Acenaphthylene	14.11	152	28215	3.821	ng/ul	99
49) 3-Nitroaniline	14.30	138	2462	2.109	ng/ul#	91
50) Acenaphthene	14.45	153	20511	3.856	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1391	1.954	ng/ul	92
53) 4-Nitrophenol	14.59	109	3277	3.507	ng/ul	91
54) Dibenzofuran	14.79	168	29741	3.865	ng/ul	96
55) 2,4-Dinitrotoluene	14.75	165	5347	2.979	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4861	3.115	ng/ul#	95
57) Diethylphthalate	15.21	149	21827	3.409	ng/ul	98
59) Fluorene	15.43	166	24300	3.897	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	13013	3.944	ng/ul	97
61) 4-Nitroaniline	15.46	138	3075	2.024	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.51	198	3780	3.208	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	19943	3.623	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	8132	3.787	ng/ul	94
67) Hexachlorobenzene	16.43	284	9854	3.917	ng/ul	97
68) Atrazine	16.60	200	5963	2.813	ng/ul	98
69) Pentachlorophenol	16.77	266	3429	2.338	ng/ul	93
70) Phenanthrene	17.17	178	41309	3.874	ng/ul	99
72) Anthracene	17.27	178	41708	3.885	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10364	3.931	ng/uL	99
74) Pentachlorobenzene	14.70	250	11097	3.938	ng/uL	98
75) Carbazole	17.54	167	34071	3.552	ng/ul	99
76) Di-n-butylphthalate	18.10	149	28656	2.721	ng/ul	100
77) Fluoranthene	19.20	202	48004	3.657	ng/ul	99
80) Pvrene	19.56	202	55050	3.844	ng/ul	100
81) Butylbenzylphthalate	20.47	149	11625	2.362	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	10957	2.017	ng/ul	100
83) Benzo(a)anthracene	21.32	228	57963	3.632	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	16935	2.296	ng/ul	99
85) Chrysene	21.37	228	59519	3.928	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	32172	2.217	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	66269	3.692	ng/ul	100
89) Benzo(k)fluoranthene	22.97	252	62282	3.569	ng/ul	98
91) Benzo(a)pyrene	23.51	252	67238	3.839	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	82156	3.694	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	69162	3.738	ng/ul	98
94) Benzo(a,h,i)perylene	26.61	276	69496	3.729	ng/ul	99

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

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