

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004406.D
 Acq On : 13 Feb 2019 23:06
 Operator : JU/SJ
 Sample : MDL-S-ME-04
 Misc : 1PPM/4PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-04

Quant Time: Feb 14 06:51:50 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	24217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	117949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	78782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	195128	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	265369	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	307068	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2821	7.00	ng/uL	0.00
5) Phenol-d5	6.90	99	54069	25.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29967	27.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48503	27.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	48199	25.98	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	22915	29.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24438	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	49646	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	71323	34.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	194817	29.16	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	231199	29.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31171	24.37	ng/ul	0.00
58) Fluorene-d10	15.38	176	171925	29.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26341	23.15	ng/ul	0.00
71) Anthracene-d10	17.23	188	279303	29.87	ng/ul	0.00
79) Pyrene-d10	19.53	212	343893	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	420293	26.08	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	584	1.178	ng/uL# 78
4) Benzaldehyde	6.90	77	2918	2.355	ng/ul 91
6) Phenol	6.93	94	6898	3.201	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.18	93	5318	3.450	ng/ul 95
10) 2-Chlorophenol	7.31	128	5954	3.417	ng/ul 98
11) 2-Methylphenol	8.18	108	4879	2.831	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	6214	3.401	ng/ul 97
14) Acetophenone	8.57	105	9170	3.317	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	3477	2.932	ng/ul# 95
16) 4-Methylphenol	8.50	108	5900	3.093	ng/ul 100
17) Hexachloroethane	8.82	117	1969	3.227	ng/ul 96
20) Nitrobenzene	8.95	77	6110	3.577	ng/ul 97
21) Isophorone	9.46	82	10223	2.921	ng/ul 97
23) 2-Nitrophenol	9.65	139	3280	3.587	ng/ul 97
24) 2,4-Dimethylphenol	9.70	107	6948	3.369	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.95	93	7426	3.270	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	6459	3.540	ng/ul 95
28) Naphthalene	10.58	128	22858	3.759	ng/ul 98
30) 4-Chloroaniline	10.70	127	6963	3.404	ng/ul 99
31) Hexachlorobutadiene	10.85	225	4362	3.698	ng/ul 98
32) Caprolactam	11.48	113	964	1.565	ng/ul 88
33) 4-Chloro-3-methylphenol	11.81	107	5921	3.009	ng/ul 97
34) 2-Methylnaphthalene	12.20	142	17405	3.731	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16981	3.691	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9675	3.689	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	5066	3.107	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	4244	2.739	ng/ul	97
40) 2,4,5-Trichlorophenol	12.87	196	5072	2.914	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	23297	3.660	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	18071	3.650	ng/ul	98
43) 2-Nitroaniline	13.47	65	2374	2.349	ng/ul	97
45) Dimethylphthalate	13.85	163	23696	3.588	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	2834	2.434	ng/ul#	80
48) Acenaphthylene	14.10	152	27295	3.632	ng/ul	100
49) 3-Nitroaniline	14.30	138	2399	2.019	ng/ul#	91
50) Acenaphthene	14.45	153	19980	3.690	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	1324	1.828	ng/ul	90
53) 4-Nitrophenol	14.59	109	3211	3.376	ng/ul	95
54) Dibenzofuran	14.79	168	29495	3.766	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	5273	2.886	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4717	2.970	ng/ul#	98
57) Diethylphthalate	15.21	149	21406	3.284	ng/ul	98
59) Fluorene	15.43	166	23818	3.753	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12895	3.840	ng/ul	99
61) 4-Nitroaniline	15.46	138	2858	1.848	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	3692	3.086	ng/ul#	87
65) N-Nitrosodiphenylamine	15.65	169	19750	3.534	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	7760	3.559	ng/ul	99
67) Hexachlorobenzene	16.43	284	9531	3.732	ng/ul	98
68) Atrazine	16.59	200	5739	2.666	ng/ul	96
69) Pentachlorophenol	16.77	266	3361	2.258	ng/ul	99
70) Phenanthrene	17.17	178	40362	3.728	ng/ul	98
72) Anthracene	17.27	178	40558	3.721	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	9985	3.731	ng/uL	98
74) Pentachlorobenzene	14.70	250	10663	3.727	ng/uL	99
75) Carbazole	17.54	167	32793	3.367	ng/ul	99
76) Di-n-butylphthalate	18.10	149	28159	2.634	ng/ul	99
77) Fluoranthene	19.20	202	47140	3.537	ng/ul	97
80) Pvrene	19.56	202	53429	3.641	ng/ul	99
81) Butylbenzylphthalate	20.46	149	11039	2.189	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	10348	1.859	ng/ul	99
83) Benzo(a)anthracene	21.32	228	57181	3.496	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	16596	2.196	ng/ul	100
85) Chrysene	21.36	228	57704	3.717	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	30498	2.074	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	62782	3.452	ng/ul	98
89) Benzo(k)fluoranthene	22.96	252	62574	3.539	ng/ul	99
91) Benzo(a)pyrene	23.50	252	64747	3.649	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	78410	3.480	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	66931	3.570	ng/ul	98
94) Benzo(a,h,i)perylene	26.59	276	66799	3.537	ng/ul	97

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

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