

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004399.D
 Acq On : 13 Feb 2019 18:58
 Operator : JU/SJ
 Sample : MDL-S-04
 Misc : 1PPM/4PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 MDL-S-04

Manual Integrations
 APPROVED

Sohil
 2/14/2019 5:11:06 PM

Quant Time: Feb 14 07:01:35 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	25874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	124921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82302	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	200498	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	272134	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	310926	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2733	6.35	ng/uL	0.00
5) Phenol-d5	6.90	99	61718	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	33859	29.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	54941	29.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	54364	27.43	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	25940	31.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	27694	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	56504	28.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	80227	37.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	214589	30.74	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	256058	30.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	34747	26.01	ng/ul	0.00
58) Fluorene-d10	15.38	176	187631	30.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	29801	25.49	ng/ul	0.00
71) Anthracene-d10	17.23	188	306085	31.85	ng/ul	0.00
79) Pyrene-d10	19.53	212	374757	30.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	465212	28.51	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	837	1.581 ng/uL#	76
4) Benzaldehyde	6.90	77	3320	2.508 ng/ul	97
6) Phenol	6.93	94	8098	3.517 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.18	93	6164	3.743 ng/ul	99
10) 2-Chlorophenol	7.31	128	6983	3.751 ng/ul	96
11) 2-Methylphenol	8.18	108	5697	3.094 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	7221m	3.699 ng/ul	
14) Acetophenone	8.57	105	10499	3.554 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	4170	3.291 ng/ul#	95
16) 4-Methylphenol	8.50	108	6809	3.341 ng/ul	92
17) Hexachloroethane	8.82	117	2461	3.775 ng/ul	89
20) Nitrobenzene	8.95	77	7299	4.034 ng/ul	95
21) Isophorone	9.46	82	12165	3.282 ng/ul	99
23) 2-Nitrophenol	9.66	139	3804	3.928 ng/ul	100
24) 2,4-Dimethylphenol	9.70	107	8105	3.711 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	8439	3.509 ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	7474	3.868 ng/ul	94
28) Naphthalene	10.58	128	26081	4.049 ng/ul	100
30) 4-Chloroaniline	10.70	127	8304	3.833 ng/ul	99
31) Hexachlorobutadiene	10.86	225	5119	4.097 ng/ul	97
32) Caprolactam	11.49	113	1081	1.657 ng/ul	92
33) 4-Chloro-3-methylphenol	11.81	107	6940	3.330 ng/ul	98
34) 2-Methylnaphthalene	12.20	142	19584	3.964 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	19387	3.979	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11063	4.038	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	5569	3.269	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	5037	3.111	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	5779	3.178	ng/ul	98
41) 1,1'-Biphenyl	13.22	154	26744	4.022	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	20466	3.957	ng/ul	98
43) 2-Nitroaniline	13.47	65	2798	2.650	ng/ul	95
45) Dimethylphthalate	13.84	163	27133	3.932	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3553	2.921	ng/ul	98
48) Acenaphthylene	14.11	152	31531	4.016	ng/ul	99
49) 3-Nitroaniline	14.30	138	2787	2.245	ng/ul#	86
50) Acenaphthene	14.45	153	22783	4.028	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1659	2.192	ng/ul	91
53) 4-Nitrophenol	14.59	109	3591	3.614	ng/ul	98
54) Dibenzofuran	14.79	168	33203	4.058	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	6091	3.192	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5371	3.237	ng/ul#	98
57) Diethylphthalate	15.21	149	24505	3.599	ng/ul	99
59) Fluorene	15.43	166	26823	4.046	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	14340	4.087	ng/ul	97
61) 4-Nitroaniline	15.46	138	3623	2.242	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	4266	3.471	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	22567	3.930	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	8887	3.967	ng/ul	97
67) Hexachlorobenzene	16.43	284	10530	4.013	ng/ul	98
68) Atrazine	16.60	200	6537	2.956	ng/ul	98
69) Pentachlorophenol	16.77	266	3828	2.503	ng/ul	97
70) Phenanthrene	17.17	178	45579	4.097	ng/ul	99
72) Anthracene	17.27	178	45879	4.096	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11437	4.159	ng/uL	98
74) Pentachlorobenzene	14.70	250	12298	4.184	ng/uL	98
75) Carbazole	17.54	167	37245	3.722	ng/ul	99
76) Di-n-butylphthalate	18.10	149	32038	2.916	ng/ul	99
77) Fluoranthene	19.20	202	53297	3.892	ng/ul	97
80) Pvrene	19.56	202	60228	4.002	ng/ul	99
81) Butylbenzylphthalate	20.47	149	12557	2.428	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	12040	2.109	ng/ul	99
83) Benzo(a)anthracene	21.32	228	64596	3.851	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	19050	2.458	ng/ul	99
85) Chrysene	21.37	228	64613	4.058	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	35317	2.372	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	70401	3.823	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	71142	3.974	ng/ul	99
91) Benzo(a)pyrene	23.50	252	73048	4.066	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	89683	3.931	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	76163	4.013	ng/ul	99
94) Benzo(a,h,i)perylene	26.60	276	76233	3.987	ng/ul	99

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

