

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004398.D
 Acq On : 13 Feb 2019 18:22
 Operator : JU/SJ
 Sample : MDL-S-03
 Misc : 1PPM/4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Quant Time: Feb 14 06:47:54 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	21515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	105342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	70331	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	176640	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	239053	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	284615	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2413	6.74	ng/uL	0.00
5) Phenol-d5	6.90	99	48612	25.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	26854	27.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	42838	27.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	42643	25.87	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	20301	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	21412	29.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	44495	26.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	62569	34.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	173185	29.04	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	204407	28.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	27714	24.27	ng/ul	0.00
58) Fluorene-d10	15.38	176	152650	29.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	22895	22.23	ng/ul	0.00
71) Anthracene-d10	17.23	188	249278	29.45	ng/ul	0.00
79) Pyrene-d10	19.53	212	309502	28.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	389564	26.08	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	555	1.260	ng/uL# 24
4) Benzaldehyde	6.90	77	2795	2.539	ng/ul 96
6) Phenol	6.93	94	6704	3.502	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.18	93	5266	3.845	ng/ul 95
10) 2-Chlorophenol	7.31	128	5886	3.802	ng/ul 95
11) 2-Methylphenol	8.18	108	4784	3.124	ng/ul 86
12) 2,2'-oxybis(1-Chloropropan	8.27	45	6324	3.896	ng/ul 98
14) Acetophenone	8.57	105	8689	3.538	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	3342	3.172	ng/ul# 94
16) 4-Methylphenol	8.50	108	5875	3.466	ng/ul 97
17) Hexachloroethane	8.82	117	1982	3.657	ng/ul 97
20) Nitrobenzene	8.95	77	6230	4.083	ng/ul 93
21) Isophorone	9.46	82	10351	3.312	ng/ul 97
23) 2-Nitrophenol	9.65	139	3057	3.744	ng/ul 95
24) 2,4-Dimethylphenol	9.70	107	6690	3.632	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	7188	3.544	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	6190	3.799	ng/ul 93
28) Naphthalene	10.58	128	22578	4.157	ng/ul 99
30) 4-Chloroaniline	10.70	127	6771	3.706	ng/ul 93
31) Hexachlorobutadiene	10.85	225	4279	4.062	ng/ul 95
32) Caprolactam	11.48	113	971	1.765	ng/ul 90
33) 4-Chloro-3-methylphenol	11.81	107	5616	3.196	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	17047	4.092	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16890	4.111	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9531	4.071	ng/ul	96
38) Hexachlorocyclopentadiene	12.53	237	4666	3.205	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	4336	3.134	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	4967	3.196	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	22923	4.034	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	17638	3.990	ng/ul	97
43) 2-Nitroaniline	13.47	65	2343	2.597	ng/ul	99
45) Dimethylphthalate	13.84	163	23230	3.940	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3049	2.933	ng/ul	98
48) Acenaphthylene	14.11	152	26880	4.006	ng/ul	100
49) 3-Nitroaniline	14.30	138	2397	2.259	ng/ul#	92
50) Acenaphthene	14.45	153	19897	4.117	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1440	2.226	ng/ul	89
53) 4-Nitrophenol	14.59	109	3055	3.598	ng/ul	94
54) Dibenzofuran	14.79	168	28859	4.128	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	5182	3.178	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4567	3.221	ng/ul#	96
57) Diethylphthalate	15.21	149	20764	3.568	ng/ul	99
59) Fluorene	15.43	166	23191	4.093	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12601	4.203	ng/ul	100
61) 4-Nitroaniline	15.46	138	2967	2.149	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3657	3.377	ng/ul#	84
65) N-Nitrosodiphenylamine	15.65	169	19476	3.850	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	7694	3.898	ng/ul	97
67) Hexachlorobenzene	16.43	284	9072	3.924	ng/ul	98
68) Atrazine	16.60	200	5661	2.906	ng/ul	99
69) Pentachlorophenol	16.77	266	3340	2.478	ng/ul	97
70) Phenanthrene	17.17	178	40574	4.140	ng/ul	99
72) Anthracene	17.27	178	40383	4.093	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9779	4.036	ng/uL	99
74) Pentachlorobenzene	14.70	250	10521	4.063	ng/uL	98
75) Carbazole	17.54	167	32922	3.734	ng/ul	97
76) Di-n-butylphthalate	18.10	149	27662	2.858	ng/ul	99
77) Fluoranthene	19.20	202	47021	3.897	ng/ul	98
80) Pvrene	19.56	202	53276	4.030	ng/ul	100
81) Butylbenzylphthalate	20.47	149	11152	2.455	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	10551	2.104	ng/ul	97
83) Benzo(a)anthracene	21.32	228	57709	3.917	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	16557	2.432	ng/ul	98
85) Chrysene	21.37	228	57589	4.117	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	31126	2.284	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	64805	3.845	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	62270	3.800	ng/ul	99
91) Benzo(a)pyrene	23.50	252	65393	3.976	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	82439	3.948	ng/ul	100
93) Dibenzo(a,h)anthracene	25.91	278	69581	4.005	ng/ul	98
94) Benzo(a,h,i)perylene	26.60	276	70230	4.012	ng/ul	97

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

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