

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004404.D
 Acq On : 13 Feb 2019 21:55
 Operator : JU/SJ
 Sample : MDL-S-ME-02
 Misc : 1PPM/4PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-ME-02

Manual Integrations
 APPROVED

Sohil
 2/14/2019 5:11:09 PM

Quant Time: Feb 14 07:12:15 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	26040	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	123866	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	81304	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	202528	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	271431	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	311091	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2874	6.64	ng/uL	0.00
5) Phenol-d5	6.90	99	61902	26.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	34191	29.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	55681	29.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	54119	27.13	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	26081	31.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	27948	32.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	55628	28.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	78177	36.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	213463	30.96	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	253621	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	35104	26.59	ng/ul	0.00
58) Fluorene-d10	15.38	176	186001	30.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	29408	24.90	ng/ul	0.00
71) Anthracene-d10	17.23	188	303268	31.24	ng/ul	0.00
79) Pyrene-d10	19.53	212	375959	30.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	459365	28.14	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	760	1.426	ng/uL# 76
4) Benzaldehyde	6.90	77	3319	2.491	ng/ul 97
6) Phenol	6.93	94	7994	3.450	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.18	93	6251	3.771	ng/ul 98
10) 2-Chlorophenol	7.31	128	7140	3.811	ng/ul 96
11) 2-Methylphenol	8.18	108	5530	2.984	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.27	45	7252m	3.691	ng/ul
14) Acetophenone	8.57	105	10479	3.525	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.55	70	4157	3.260	ng/ul# 93
16) 4-Methylphenol	8.50	108	6909	3.368	ng/ul 97
17) Hexachloroethane	8.82	117	2529	3.855	ng/ul 97
20) Nitrobenzene	8.95	77	7182	4.003	ng/ul 99
21) Isophorone	9.46	82	11944	3.250	ng/ul 98
23) 2-Nitrophenol	9.65	139	3871	4.032	ng/ul 94
24) 2,4-Dimethylphenol	9.70	107	8129	3.753	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.95	93	8690	3.644	ng/ul 97
27) 2,4-Dichlorophenol	10.18	162	7547	3.939	ng/ul 95
28) Naphthalene	10.58	128	26021	4.074	ng/ul 99
30) 4-Chloroaniline	10.70	127	8115	3.777	ng/ul 99
31) Hexachlorobutadiene	10.85	225	5203	4.200	ng/ul 94
32) Caprolactam	11.48	113	1089	1.683	ng/ul 89
33) 4-Chloro-3-methylphenol	11.81	107	6661	3.223	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	19385	3.957	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	19367	4.009	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11083	4.095	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	5566	3.308	ng/ul	91
39) 2,4,6-Trichlorophenol	12.80	196	4996	3.124	ng/ul	96
40) 2,4,5-Trichlorophenol	12.87	196	5922	3.296	ng/ul	93
41) 1,1'-Biphenyl	13.22	154	26408	4.020	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	20163	3.946	ng/ul	98
43) 2-Nitroaniline	13.47	65	2820	2.703	ng/ul	98
45) Dimethylphthalate	13.84	163	26559	3.896	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3498	2.911	ng/ul	94
48) Acenaphthylene	14.11	152	31032	4.001	ng/ul	98
49) 3-Nitroaniline	14.30	138	2964	2.417	ng/ul#	95
50) Acenaphthene	14.45	153	22497	4.026	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	1470	1.966	ng/ul	92
53) 4-Nitrophenol	14.59	109	3679	3.748	ng/ul	96
54) Dibenzofuran	14.79	168	33049	4.089	ng/ul	97
55) 2,4-Dinitrotoluene	14.76	165	6048	3.208	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5522	3.369	ng/ul#	98
57) Diethylphthalate	15.21	149	23924	3.557	ng/ul	98
59) Fluorene	15.43	166	26798	4.091	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.43	204	14409	4.158	ng/ul	98
61) 4-Nitroaniline	15.46	138	3490	2.186	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	4252	3.424	ng/ul#	82
65) N-Nitrosodiphenylamine	15.65	169	22214	3.830	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	8825	3.900	ng/ul	98
67) Hexachlorobenzene	16.43	284	10717	4.043	ng/ul	99
68) Atrazine	16.60	200	6525	2.921	ng/ul	98
69) Pentachlorophenol	16.77	266	3819	2.472	ng/ul	98
70) Phenanthrene	17.17	178	45223	4.024	ng/ul	99
72) Anthracene	17.26	178	45903	4.058	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11330	4.079	ng/uL	98
74) Pentachlorobenzene	14.70	250	11998	4.041	ng/uL	96
75) Carbazole	17.54	167	37016	3.662	ng/ul	98
76) Di-n-butylphthalate	18.10	149	32111	2.894	ng/ul	99
77) Fluoranthene	19.20	202	53367	3.858	ng/ul	97
80) Pvrene	19.56	202	60523	4.032	ng/ul	99
81) Butylbenzylphthalate	20.46	149	12746	2.471	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	11672	2.050	ng/ul	98
83) Benzo(a)anthracene	21.32	228	64597	3.861	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	19097	2.470	ng/ul	96
85) Chrysene	21.37	228	64688	4.073	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	35398	2.377	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	72461	3.933	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	68800	3.841	ng/ul	99
91) Benzo(a)pyrene	23.50	252	72533	4.035	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	88833	3.892	ng/ul	97
93) Dibenzo(a,h)anthracene	25.90	278	75323	3.966	ng/ul	100
94) Benzo(a,h,i)perylene	26.60	276	75318	3.937	ng/ul	98

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

