

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
 Data File : BM029161.D
 Acq On : 19 Mar 2021 08:56
 Operator : CG/JU
 Sample : SSTD00513
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005013

Quant Time: Mar 19 10:58:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 19 10:50:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89427	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	327798	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	200046	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	427618	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	490407	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	547610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	4256	1.93	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.31	132	23952	3.78	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.92	128	7865	2.96	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	7310	2.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	21491	4.06	ng/ul	0.00
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.81	166	67809	4.49	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	76242	3.97	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.39	176	59024	4.41	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.23	188	91758	4.34	ng/ul	0.00
81) Pyrene-d10	19.52	212	100157	3.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	128474	4.37	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.32	88	4315	1.902	ng/uL	87
12) 2-Chlorophenol	7.34	128	26268	4.018	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	18626	4.054	ng/ul	99
19) Hexachloroethane	8.85	117	11138	3.992	ng/ul	98
22) Nitrobenzene	8.96	77	24851	3.832	ng/ul	94
23) Isophorone	9.49	82	47637	4.348	ng/ul	96
25) 2-Nitrophenol	9.67	139	7755	2.495	ng/ul	92
26) 2,4-Dimethylphenol	9.73	107	27998	4.607	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.97	93	28586	3.943	ng/ul	97
29) 2,4-Dichlorophenol	10.20	162	22805	4.400	ng/ul	95
30) Naphthalene	10.60	128	82125	4.430	ng/ul	99
33) Hexachlorobutadiene	10.90	225	16941	4.985	ng/ul	89
35) 4-Chloro-3-methylphenol	11.83	107	21671	4.044	ng/ul	98
36) 2-Methylnaphthalene	12.22	142	57069	4.604	ng/ul	97
37) 1-Methylnaphthalene	12.44	142	56839	4.762	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	31977	4.748	ng/ul	97
41) 2,4,6-Trichlorophenol	12.83	196	15359	3.669	ng/ul	96
42) 2,4,5-Trichlorophenol	12.89	196	16281	3.589	ng/ul	94
43) 1,1'-Biphenyl	13.23	154	73533	4.305	ng/ul	98
44) 2-Chloronaphthalene	13.27	162	58193	4.300	ng/ul	99
45) 2-Nitroaniline	13.47	65	8972	2.403	ng/ul	96
47) Dimethylphthalate	13.86	163	70059	4.467	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.97	165	7891	2.535	ng/ul#	83
50) Acenaphthylene	14.12	152	79891	4.045	ng/ul	98
52) Acenaphthene	14.46	153	62151	4.383	ng/ul	95
56) Dibenzofuran	14.79	168	88242	4.619	ng/ul	99
57) 2,4-Dinitrotoluene	14.75	165	10821	2.476	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.02	232	12658	3.455	ng/ul#	94
59) Diethylphthalate	15.22	149	67776	4.358	ng/ul	97
61) Fluorene	15.44	166	70486	4.431	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.44	204	36766	4.768	ng/ul	98
67) N-Nitrosodiphenylamine	15.65	169	59973	4.251	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	20292	4.086	ng/ul	98
69) Hexachlorobenzene	16.44	284	22887	4.011	ng/ul	97
72) Phenanthrene	17.17	178	116154	4.459	ng/ul	99
74) Anthracene	17.26	178	115310	4.354	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	30757	4.291	ng/uL	98
76) Pentachlorobenzene	14.72	250	30725	4.413	ng/uL	97
78) Di-n-butylphthalate	18.11	149	100145	3.795	ng/ul	99
80) Fluoranthene	19.19	202	131710	3.561	ng/ul	99
82) Pyrene	19.54	202	137567	3.595	ng/ul	98
83) Butylbenzylphthalate	20.46	149	42278	2.983	ng/ul	97
85) Benzo(a)anthracene	21.29	228	143581	4.375	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.24	149	74623	3.836	ng/ul	99
87) Chrysene	21.33	228	144266	4.440	ng/ul	99
90) Benzo(b)fluoranthene	22.87	252	158865	4.317	ng/ul	97
91) Benzo(k)fluoranthene	22.91	252	160258	4.407	ng/ul	97
93) Benzo(a)pyrene	23.44	252	142298	4.267	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.80	276	189704	4.853	ng/ul	98
95) Dibenzo(a,h)anthracene	25.82	278	162932	4.914	ng/ul	96
96) Benzo(a,h,i)perylene	26.50	276	157265	4.736	ng/ul	97

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

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