

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM120320\
 Data File : BM028013.D
 Acq On : 03 Dec 2020 11:28
 Operator : JU/CG
 Sample : SSTD00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005003

Quant Time: Dec 03 13:16:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 13:12:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	163937	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	636983	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	342168	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	679384	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	674852	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	709398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8982	1.93	ng/uL	0.00
4) Pyridine-d5	3.95	84	53898	3.88	ng/ul	0.01
7) Phenol-d5	7.42	99	64282	4.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	41738	4.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	53850	4.99	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	48902	4.33	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	21845	3.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	19453	3.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	46435	3.99	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	52766	3.84	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	120144	4.49	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	148762	4.47	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	18289	3.78	ng/ul	0.00
60) Fluorene-d10	15.89	176	112016	4.71	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	11933	2.65	ng/ul	0.00
73) Anthracene-d10	17.73	188	159819	4.90	ng/ul	0.00
81) Pyrene-d10	19.98	212	165725	4.14	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	179818	4.69	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.51	88	8933	1.769 ng/uL#	85
5) Pyridine	3.97	79	55777	4.047 ng/ul	95
6) Benzaldehyde	7.41	77	28945	4.068 ng/ul	97
8) Phenol	7.45	94	66799	4.384 ng/ul	96
10) Bis(2-Chloroethyl)ether	7.69	93	57351	4.549 ng/ul	97
12) 2-Chlorophenol	7.85	128	55789	5.024 ng/ul	98
13) 2-Methylphenol	8.73	108	48808	4.415 ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.82	45	92995	4.242 ng/ul	97
16) Acetophenone	9.12	105	77713	4.146 ng/ul	96
17) N-Nitroso-di-n-propylamine	9.10	70	34513	3.400 ng/ul	95
18) 4-Methylphenol	9.06	108	52138	4.447 ng/ul	93
19) Hexachloroethane	9.39	117	23686	4.117 ng/ul	96
22) Nitrobenzene	9.51	77	57767	2.714 ng/ul	98
23) Isophorone	10.04	82	90512	3.192 ng/ul	100
25) 2-Nitrophenol	10.23	139	22821	3.625 ng/ul	95
26) 2,4-Dimethylphenol	10.27	107	55251	3.696 ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.51	93	67167	3.804 ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	46222	4.073 ng/ul	98
30) Naphthalene	11.17	128	179596	5.147 ng/ul	99
32) 4-Chloroaniline	11.27	127	53354	3.925 ng/ul	99
33) Hexachlorobutadiene	11.46	225	32687	3.765 ng/ul	99
34) Caprolactam	12.03	113	8779	2.630 ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	44967	3.334	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	116363	3.795	ng/ul	98
37) 1-Methylnaphthalene	12.98	142	112084	3.802	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	58714	4.800	ng/ul	97
40) Hexachlorocyclopentadiene	13.10	237	27577	3.628	ng/ul	93
41) 2,4,6-Trichlorophenol	13.36	196	31431	4.221	ng/ul	96
42) 2,4,5-Trichlorophenol	13.42	196	34903	4.344	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	145090	5.105	ng/ul	99
44) 2-Chloronaphthalene	13.80	162	114508	4.949	ng/ul	97
45) 2-Nitroaniline	13.99	65	23071	2.805	ng/ul	96
47) Dimethylphthalate	14.35	163	126509	4.567	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	18987	3.517	ng/ul	97
50) Acenaphthylene	14.64	152	158897	4.843	ng/ul	99
51) 3-Nitroaniline	14.80	138	19752	3.976	ng/ul	100
52) Acenaphthene	14.97	153	120596	5.142	ng/ul	99
53) 2,4-Dinitrophenol	15.01	184	8021	2.487	ng/ul#	76
55) 4-Nitrophenol	15.09	109	14571	2.653	ng/ul	98
56) Dibenzofuran	15.30	168	164388	5.020	ng/ul	100
57) 2,4-Dinitrotoluene	15.25	165	27563	3.658	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.52	232	26493	4.058	ng/ul	97
59) Diethylphthalate	15.70	149	117823	4.143	ng/ul	99
61) Fluorene	15.94	166	132016	4.897	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.93	204	66256	4.760	ng/ul	96
63) 4-Nitroaniline	15.94	138	21926	4.877	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.01	198	13854	2.886	ng/ul#	92
67) N-Nitrosodiphenylamine	16.14	169	105297	4.627	ng/ul	97
68) 4-Bromophenyl-phenylether	16.82	248	36273	4.416	ng/ul	94
69) Hexachlorobenzene	16.94	284	44012	4.762	ng/ul	96
70) Atrazine	17.07	200	32231	3.755	ng/ul	98
71) Pentachlorophenol	17.27	266	17689	3.254	ng/ul	96
72) Phenanthrene	17.67	178	202369	5.139	ng/ul	96
74) Anthracene	17.76	178	202541	5.048	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.73	216	55951	4.543	ng/uL	98
76) Pentachlorobenzene	15.22	250	54382	4.718	ng/uL	98
77) Carbazole	18.02	167	169989	5.013	ng/ul	99
78) Di-n-butylphthalate	18.56	149	170614	4.100	ng/ul	99
80) Fluoranthene	19.65	202	219917	4.309	ng/ul	99
82) Pyrene	20.01	202	234719	4.489	ng/ul	99
83) Butylbenzylphthalate	20.86	149	64753	3.024	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.64	252	68600	4.470	ng/ul	98
85) Benzo(a)anthracene	21.72	228	218654	4.661	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	104894	3.448	ng/ul#	98
87) Chrysene	21.77	228	222116	4.868	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	188424	3.507	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	233942	4.714	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	214310	4.501	ng/ul	97
93) Benzo(a)pyrene	24.03	252	206981	4.652	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	259645	5.171	ng/ul	95
95) Dibenzo(a,h)anthracene	26.63	278	220825	5.214	ng/ul	98
96) Benzo(g,h,i)perylene	27.38	276	216698	5.119	ng/ul	96

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

