

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM090420\
 Data File : BM027329.D
 Acq On : 04 Sep 2020 14:06
 Operator : JU/CG
 Sample : SSTD16001
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16001

Quant Time: Sep 04 14:36:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 04 12:49:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	255341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1170712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	919242	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.97	188	2183370	20.00	ng/ul	0.01
78) Chrysene-d12	21.18	240	2250828	20.00	ng/ul	0.02
86) Perylene-d12	23.36	264	1495921	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	238142	52.82	ng/uL	0.00
5) Phenol-d5	6.79	99	3852471	186.07	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.94	67	2381065	177.74	ng/ul	0.02
9) 2-Chlorophenol-d4	7.13	132	2995573	187.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	3129123	188.25	ng/ul	0.04
19) Nitrobenzene-d5	8.75	128	1471936	156.90	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	1849596	170.99	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.00	165	3891349	176.34	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	4151539	174.61	ng/ul	0.02
44) Dimethylphthalate-d6	13.66	166	11998908	164.53	ng/ul	0.03
47) Acenaphthylene-d8	13.93	160	14285718	165.66	ng/ul	0.02
52) 4-Nitrophenol-d4	14.50	143	2198380	178.68	ng/ul	0.08
58) Fluorene-d10	15.23	176	11158807	177.27	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	2839731	199.38	ng/ul	0.05
71) Anthracene-d10	16.97	188	2183370	21.07	ng/ul	-0.08
79) Pyrene-d10	19.38	212	18645794	143.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.23	264	15283311	183.27	ng/ul	0.03

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.16	88	283297	53.371	ng/uL	97
4) Benzaldehyde	6.73	77	1983242	135.981	ng/ul	96
6) Phenol	6.82	94	4070252	188.019	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.03	93	3120468	179.286	ng/ul	96
10) 2-Chlorophenol	7.16	128	3116298	191.339	ng/ul	98
11) 2-Methylphenol	8.04	108	3077209	191.160	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	2336634	173.395	ng/ul	97
14) Acetophenone	8.42	105	5112755	191.985	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.32	70	110308	6.879	ng/ul#	1
16) 4-Methylphenol	8.40	108	3282569	190.172	ng/ul	97
17) Hexachloroethane	8.65	117	1355009	176.502	ng/ul	98
20) Nitrobenzene	8.79	77	4488206	159.972	ng/ul	95
21) Isophorone	9.35	82	8115930	160.512	ng/ul	99
23) 2-Nitrophenol	9.49	139	1950122	169.580	ng/ul	98
24) 2,4-Dimethylphenol	9.57	107	4027825	166.469	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	4676489	161.411	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	3819022	178.220	ng/ul	97
28) Naphthalene	10.41	128	10523350	168.781	ng/ul	98
30) 4-Chloroaniline	10.53	127	4239806	177.985	ng/ul	100
31) Hexachlorobutadiene	10.70	225	2870913	178.281	ng/ul	98
32) Caprolactam	11.42	113	625183	97.329	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	3978459	177.568	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	8315071	175.569	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	8179280	176.943	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	5845143	177.840	ng/ul#	98
38) Hexachlorocyclopentadiene	12.39	237	4004811	180.145	ng/ul	98
39) 2,4,6-Trichlorophenol	12.66	196	3674617	175.611	ng/ul	98
40) 2,4,5-Trichlorophenol	12.75	196	3897597	175.275	ng/ul	100
41) 1,1'-Biphenyl	13.07	154	11658047	161.599	ng/ul	96
42) 2-Chloronaphthalene	13.10	162	9539994	164.390	ng/ul	100
43) 2-Nitroaniline	13.32	65	3012257	172.225	ng/ul	92
45) Dimethylphthalate	13.72	163	12218625	161.412	ng/ul	98
46) 2,6-Dinitrotoluene	13.84	165	2816050	180.524	ng/ul	86
48) Acenaphthylene	13.96	152	13479604	156.357	ng/ul#	91
49) 3-Nitroaniline	14.16	138	2168758	163.070	ng/ul	96
50) Acenaphthene	14.30	153	10144003	167.950	ng/ul	99
51) 2,4-Dinitrophenol	14.37	184	1952396	217.947	ng/ul#	83
53) 4-Nitrophenol	14.52	109	2050151	175.789	ng/ul	92
54) Dibenzofuran	14.64	168	14290331	164.817	ng/ul	99
55) 2,4-Dinitrotoluene	14.63	165	4246137	191.175	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.87	232	4032350	202.497	ng/ul#	90
57) Diethylphthalate	15.09	149	12757162	169.059	ng/ul	93
59) Fluorene	15.30	166	12922735	175.753	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	7831688	194.934	ng/ul	92
61) 4-Nitroaniline	15.37	138	2030229	137.990	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.41	198	3020513	195.374	ng/ul#	89
65) N-Nitrosodiphenylamine	15.51	169	10927374	166.200	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	5159322	188.485	ng/ul#	90
67) Hexachlorobenzene	16.30	284	5620000	179.852	ng/ul	93
68) Atrazine	16.49	200	4587344	170.009	ng/ul	98
69) Pentachlorophenol	16.64	266	3697220	201.483	ng/ul	98
70) Phenanthrene	17.02	178	17104820	137.260	ng/ul#	87
72) Anthracene	17.02	178	17104820	134.745	ng/ul#	87
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	5484185	161.749	ng/uL	99
74) Pentachlorobenzene	14.56	250	6066863	173.261	ng/uL	97
75) Carbazole	17.39	167	16203500	154.844	ng/ul#	91
76) Di-n-butylphthalate	17.96	149	16168657	120.744	ng/ul#	91
81) Butylbenzylphthalate	20.33	149	10500662	159.999	ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.11	252	7436840	141.827	ng/ul#	99
83) Benzo(a)anthracene	21.16	228	18160778	121.678	ng/ul#	79
84) Bis(2-ethylhexyl)phthalate	21.11	149	12517447	134.843	ng/ul#	88
85) Chrysene	21.22	228	2764447	19.346	ng/ul	95
88) Benzo(b)fluoranthene	22.72	252	20622836	193.385	ng/ul	97
89) Benzo(k)fluoranthene	22.72	252	20622836	200.685	ng/ul	97
91) Benzo(a)pyrene	23.29	252	16746782	178.935	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.59	276	19027494	176.481	ng/ul	95
93) Dibenzo(a,h)anthracene	25.58	278	16380131	179.065	ng/ul	99
94) Benzo(g,h,i)perylene	26.23	276	15089345	171.162	ng/ul	99

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

