

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047731.D
 Acq On : 14 Dec 2020 8:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020001

Quant Time: Dec 14 10:49:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26183	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	97852	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	75348	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	203896	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	210165	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	222374	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3768	6.33	ng/uL	0.00
4) Pyridine-d5	3.96	84	32241	19.08	ng/ul	0.00
7) Phenol-d5	7.34	99	43717	19.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	23087	19.95	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	33593	20.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	34636	20.73	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	17100	20.77	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	20417	21.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	41506	20.97	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	49572	21.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	132368	21.29	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	152133	21.39	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	20277	21.41	ng/ul	0.00
60) Fluorene-d10	15.81	176	120248	20.71	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	25803	18.49	ng/ul	0.00
73) Anthracene-d10	17.66	188	203296m	20.51	ng/ul	0.00
81) Pyrene-d10	19.93	212	242422	21.31	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	262119	21.00	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.56	88	4792	7.804	ng/uL 90
5) Pyridine	3.97	79	30250	19.090	ng/ul 90
6) Benzaldehyde	7.33	77	18842	18.670	ng/ul 95
8) Phenol	7.37	94	44622	20.674	ng/ul# 79
10) Bis(2-Chloroethyl)ether	7.61	93	30037	20.009	ng/ul# 84
12) 2-Chlorophenol	7.76	128	32196	19.537	ng/ul 93
13) 2-Methylphenol	8.64	108	33579	20.450	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.72	45	28988m	20.748	ng/ul
16) Acetophenone	9.03	105	57657	20.548	ng/ul 98
17) N-Nitroso-di-n-propylamine	9.01	70	31756	20.612	ng/ul# 94
18) 4-Methylphenol	8.97	108	35514	19.709	ng/ul 99
19) Hexachloroethane	9.30	117	16877	20.915	ng/ul# 83
22) Nitrobenzene	9.41	77	52251	21.312	ng/ul 95
23) Isophorone	9.94	82	89821	21.093	ng/ul# 95
25) 2-Nitrophenol	10.13	139	19845	20.264	ng/ul 96
26) 2,4-Dimethylphenol	10.18	107	46111	20.058	ng/ul 95
27) Bis(2-Chloroethoxy)methane	10.42	93	41940	20.635	ng/ul 98
29) 2,4-Dichlorophenol	10.67	162	37588	20.695	ng/ul 92
30) Naphthalene	11.08	128	112842	20.872	ng/ul 97
32) 4-Chloroaniline	11.18	127	49148	22.315	ng/ul 91
33) Hexachlorobutadiene	11.36	225	40251	20.638	ng/ul 89
34) Caprolactam	11.92	113	12110m	19.684	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	43017	21.488	ng/ul#	91
36) 2-Methylnaphthalene	12.67	142	86810	21.280	ng/ul	96
37) 1-Methylnaphthalene	12.89	142	83973	21.543	ng/ul	89
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	63881	20.586	ng/ul	92
40) Hexachlorocyclopentadiene	13.01	237	40284	19.800	ng/ul	99
41) 2,4,6-Trichlorophenol	13.26	196	37378	20.087	ng/ul	96
42) 2,4,5-Trichlorophenol	13.34	196	41869	21.245	ng/ul	96
43) 1,1'-Biphenyl	13.67	154	123081	21.149	ng/ul	93
44) 2-Chloronaphthalene	13.71	162	96437	21.052	ng/ul	97
45) 2-Nitroaniline	13.90	65	33942	21.571	ng/ul	91
47) Dimethylphthalate	14.27	163	135059	21.197	ng/ul	97
48) 2,6-Dinitrotoluene	14.39	165	28135	20.899	ng/ul	92
50) Acenaphthylene	14.55	152	142954	21.335	ng/ul	97
51) 3-Nitroaniline	14.72	138	16090	16.646	ng/ul	93
52) Acenaphthene	14.89	153	103212	21.674	ng/ul	96
53) 2,4-Dinitrophenol	14.92	184	14348	17.967	ng/ul#	82
55) 4-Nitrophenol	15.01	109	33614	20.930	ng/ul	95
56) Dibenzofuran	15.22	168	149228	21.634	ng/ul	98
57) 2,4-Dinitrotoluene	15.17	165	39451	20.447	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	38837	21.279	ng/ul	96
59) Diethylphthalate	15.62	149	136224	21.597	ng/ul	97
61) Fluorene	15.87	166	128825	21.728	ng/ul#	92
62) 4-Chlorophenyl-phenylether	15.85	204	77369	20.864	ng/ul	98
63) 4-Nitroaniline	15.87	138	13813	15.201	ng/ul#	89
66) 4,6-Dinitro-2-methylphenol	15.93	198	28974	20.455	ng/ul#	96
67) N-Nitrosodiphenylamine	16.06	169	114817	20.238	ng/ul	97
68) 4-Bromophenyl-phenylether	16.75	248	54396	20.779	ng/ul	97
69) Hexachlorobenzene	16.87	284	59559	20.724	ng/ul	96
70) Atrazine	17.00	200	54946	20.330	ng/ul#	90
71) Pentachlorophenol	17.21	266	23626	17.490	ng/ul	94
72) Phenanthrene	17.60	178	226584	20.466	ng/ul	98
74) Anthracene	17.70	178	228737	20.681	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	68052	20.594	ng/uL	98
76) Pentachlorobenzene	15.14	250	64422	19.979	ng/uL	92
77) Carbazole	17.96	167	181989	20.185	ng/ul	98
78) Di-n-butylphthalate	18.50	149	224657	20.315	ng/ul	99
80) Fluoranthene	19.60	202	313256	21.747	ng/ul	100
82) Pyrene	19.96	202	305639	21.493	ng/ul	97
83) Butylbenzylphthalate	20.82	149	105616	21.290	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	104925	20.277	ng/ul	96
85) Benzo(a)anthracene	21.82	228	310274	20.915	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	145640	21.299	ng/ul	93
87) Chrysene	21.89	228	300349	21.337	ng/ul	99
89) Di-n-octyl phthalate	22.96	149	239681	20.481	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	326903	21.032	ng/ul	96
91) Benzo(k)fluoranthene	24.19	252	320120	20.847	ng/ul	98
93) Benzo(a)pyrene	25.04	252	290904	21.223	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.03	276	352655	20.791	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.10	278	290790	20.643	ng/ul#	98
96) Benzo(g,h,i)perylene	30.24	276	295147	21.128	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

