

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047684.D
 Acq On : 9 Dec 2020 22:01
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02039

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:38:02 AM

Quant Time: Dec 10 01:51:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	32475	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	122502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	93428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	255352	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	236678	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	250044	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5678	9.31	ng/uL	0.00
5) Phenol-d5	7.35	99	52164	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	26775	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	39474	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	41008	18.59	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	19732	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	23286	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	49995	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	46059	19.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	150089	18.50	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	175424	18.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	23160	19.24	ng/ul	0.00
58) Fluorene-d10	15.82	176	142196	19.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	29135	16.86	ng/ul	0.00
71) Anthracene-d10	17.67	188	234226m	18.39	ng/ul	0.00
79) Pyrene-d10	19.94	212	262872	18.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	267890	18.34	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.57	88	5000	7.950	ng/uL	88
4) Benzaldehyde	7.34	77	25297	17.152	ng/ul	91
6) Phenol	7.38	94	47396	18.050	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.62	93	33804	18.502	ng/ul#	85
10) 2-Chlorophenol	7.78	128	37530	18.085	ng/ul#	79
11) 2-Methylphenol	8.65	108	39441	18.896	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.74	45	31616	18.476	ng/ul#	86
14) Acetophenone	9.04	105	64545	18.546	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.02	70	34657	18.019	ng/ul	90
16) 4-Methylphenol	8.98	108	41717	18.710	ng/ul#	80
17) Hexachloroethane	9.32	117	19111	18.837	ng/ul#	80
20) Nitrobenzene	9.43	77	58155	18.399	ng/ul	92
21) Isophorone	9.95	82	98666	18.167	ng/ul	99
23) 2-Nitrophenol	10.14	139	23412	19.015	ng/ul	96
24) 2,4-Dimethylphenol	10.19	107	55016	18.657	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.43	93	46548	18.711	ng/ul	96
27) 2,4-Dichlorophenol	10.68	162	44797	20.262	ng/ul	98
28) Naphthalene	11.10	128	126583	18.530	ng/ul	99
30) 4-Chloroaniline	11.19	127	42948	19.359	ng/ul	96
31) Hexachlorobutadiene	11.37	225	46636	19.317	ng/ul	93
32) Caprolactam	11.94	113	14520m	19.495	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	49021	18.212	ng/ul	98
34) 2-Methylnaphthalene	12.68	142	98131	18.646	ng/ul	99

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35) 1-Methylnaphthalene	12.90	142	114345	18.740	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	75165	20.244	ng/uL	98
38) Hexachlorocyclopentadiene	13.02	237	41164	15.878	ng/uL	94
39) 2,4,6-Trichlorophenol	13.28	196	46814	19.310	ng/uL	97
40) 2,4,5-Trichlorophenol	13.35	196	50126	19.989	ng/uL#	86
41) 1,1'-Biphenyl	13.67	154	139406	19.822	ng/uL	93
42) 2-Chloronaphthalene	13.72	162	109657	19.257	ng/uL#	92
43) 2-Nitroaniline	13.91	65	37349	18.355	ng/uL	89
45) Dimethylphthalate	14.27	163	153480	18.670	ng/uL	99
46) 2,6-Dinitrotoluene	14.40	165	32910	18.714	ng/uL	98
48) Acenaphthylene	14.56	152	161396	18.771	ng/uL	97
49) 3-Nitroaniline	14.73	138	21868	18.225	ng/uL#	87
50) Acenaphthene	14.90	153	112089	18.445	ng/uL	93
51) 2,4-Dinitrophenol	14.94	184	16003	15.762	ng/uL#	80
53) 4-Nitrophenol	15.03	109	39600	19.991	ng/uL	96
54) Dibenzofuran	15.23	168	172811	19.490	ng/uL	90
55) 2,4-Dinitrotoluene	15.18	165	48868	19.694	ng/uL	91
56) 2,3,4,6-Tetrachlorophenol	15.45	232	49373	21.047	ng/uL#	96
57) Diethylphthalate	15.63	149	148552	18.514	ng/uL	97
59) Fluorene	15.88	166	142740	18.828	ng/uL	94
60) 4-Chlorophenyl-phenylether	15.87	204	89038	18.792	ng/uL	94
61) 4-Nitroaniline	15.88	138	24217	18.091	ng/uL	88
64) 4,6-Dinitro-2-methylphenol	15.94	198	29972	17.198	ng/uL#	88
65) N-Nitrosodiphenylamine	16.07	169	126296	17.943	ng/uL	94
66) 4-Bromophenyl-phenylether	16.75	248	61244	18.598	ng/uL	93
67) Hexachlorobenzene	16.88	284	67729	18.859	ng/uL	96
68) Atrazine	17.01	200	59169	18.144	ng/uL	95
69) Pentachlorophenol	17.22	266	34816	22.421	ng/uL#	89
70) Phenanthrene	17.62	178	255722	18.477	ng/uL	98
72) Anthracene	17.71	178	249646	18.096	ng/uL	95
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	75892	18.967	ng/uL	94
74) Pentachlorobenzene	15.16	250	74362	18.643	ng/uL	96
75) Carbazole	17.97	167	204101	18.552	ng/uL	96
76) Di-n-butylphthalate	18.51	149	248222	17.662	ng/uL	99
77) Fluoranthene	19.61	202	336649	19.117	ng/uL#	98
80) Pvrene	19.97	202	327787	19.042	ng/uL#	97
81) Butylbenzylphthalate	20.84	149	109623	19.140	ng/uL	90
82) 3,3'-Dichlorobenzidine	21.74	252	100632	18.605	ng/uL	96
83) Benzo(a)anthracene	21.83	228	314411	18.594	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	147578	18.360	ng/uL	100
85) Chrysene	21.90	228	301652	18.902	ng/uL	98
87) Di-n-octyl phthalate	22.97	149	250347	18.998	ng/uL	100
88) Benzo(b)fluoranthene	24.14	252	321089	18.395	ng/uL	99
89) Benzo(k)fluoranthene	24.21	252	320331	18.518	ng/uL	100
91) Benzo(a)pyrene	25.06	252	287852	18.288	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	29.07	276	358831	18.694	ng/uL#	96
93) Dibenzo(a,h)anthracene	29.14	278	301490	18.738	ng/uL#	97
94) Benzo(a,h,i)perylene	30.28	276	295568m	18.755	ng/uL	

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

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