

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SSTD04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04028

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:18:31 PM

Quant Time: Dec 07 17:07:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 16:26:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	103924	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	81911	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	218561m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	207109	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	212970	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7836	11.30	ng/uL	0.00
5) Phenol-d5	7.36	99	93408	36.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	47385	32.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	70682	41.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	74715	38.47	ng/ul	0.01
19) Nitrobenzene-d5	9.39	128	32757	38.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	40873	43.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	90479	42.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	94896	43.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	283700	40.34	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	324590	39.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	43041	40.12	ng/ul	0.00
58) Fluorene-d10	15.82	176	259973	40.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	58554m	47.07	ng/ul	0.00
71) Anthracene-d10	17.67	188	415884	38.36	ng/ul	0.00
79) Pyrene-d10	19.94	212	482398	40.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	497822	40.61	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.57	88	8036m	11.232	ng/uL
4) Benzaldehyde	7.34	77	56627	37.929	ng/ul
6) Phenol	7.38	94	87553	36.155	ng/ul
8) Bis(2-Chloroethyl)ether	7.63	93	59653	33.371	ng/ul
10) 2-Chlorophenol	7.78	128	70580	41.255	ng/ul
11) 2-Methylphenol	8.65	108	68418	36.368	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.73	45	57052	30.343	ng/ul#
14) Acetophenone	9.04	105	117532	39.286	ng/ul
15) N-Nitroso-di-n-propylamine	9.03	70	66456	36.820	ng/ul
16) 4-Methylphenol	8.98	108	76777	38.886	ng/ul#
17) Hexachloroethane	9.31	117	32222	40.078	ng/ul
20) Nitrobenzene	9.43	77	103131	37.146	ng/ul
21) Isophorone	9.95	82	185644	35.083	ng/ul
23) 2-Nitrophenol	10.14	139	45161	44.352	ng/ul#
24) 2,4-Dimethylphenol	10.19	107	100313	38.810	ng/ul
25) Bis(2-Chloroethoxy)methane	10.43	93	84639	33.254	ng/ul
27) 2,4-Dichlorophenol	10.68	162	78706	41.337	ng/ul#
28) Naphthalene	11.09	128	228161	38.762	ng/ul
30) 4-Chloroaniline	11.19	127	88046	42.598	ng/ul
31) Hexachlorobutadiene	11.38	225	77785	43.424	ng/ul
32) Caprolactam	11.95	113	26832m	38.664	ng/ul
33) 4-Chloro-3-methylphenol	12.29	107	89322	37.960	ng/ul
34) 2-Methylnaphthalene	12.69	142	177803	40.763	ng/ul

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35) 1-Methylnaphthalene	12.90	142	205481	40.080	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	131578	40.879	ng/uL	97
38) Hexachlorocyclopentadiene	13.03	237	94237	42.075	ng/uL	98
39) 2,4,6-Trichlorophenol	13.27	196	87054	43.553	ng/uL	97
40) 2,4,5-Trichlorophenol	13.35	196	84334	40.639	ng/uL#	75
41) 1,1'-Biphenyl	13.67	154	250057	39.356	ng/uL	91
42) 2-Chloronaphthalene	13.73	162	196743	39.064	ng/uL	93
43) 2-Nitroaniline	13.91	65	72984	39.842	ng/uL	96
45) Dimethylphthalate	14.28	163	288446	40.215	ng/uL	98
46) 2,6-Dinitrotoluene	14.40	165	62043	45.170	ng/uL	99
48) Acenaphthylene	14.56	152	298112	39.468	ng/uL	98
49) 3-Nitroaniline	14.72	138	46314	43.181	ng/uL#	94
50) Acenaphthene	14.90	153	210517	39.735	ng/uL	96
51) 2,4-Dinitrophenol	14.93	184	40115	54.808	ng/uL	94
53) 4-Nitrophenol	15.02	109	72383	46.601	ng/uL	98
54) Dibenzofuran	15.24	168	309689	39.797	ng/uL	92
55) 2,4-Dinitrotoluene	15.18	165	87556	44.928	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	15.45	232	85613	43.078	ng/uL	95
57) Diethylphthalate	15.63	149	283010	40.220	ng/uL	96
59) Fluorene	15.88	166	262017	39.967	ng/uL	93
60) 4-Chlorophenyl-phenylether	15.86	204	168151	42.700	ng/uL	94
61) 4-Nitroaniline	15.89	138	52378	41.708	ng/uL#	77
64) 4,6-Dinitro-2-methylphenol	15.95	198	61646m	47.352	ng/uL	
65) N-Nitrosodiphenylamine	16.08	169	238288m	38.195	ng/uL	
66) 4-Bromophenyl-phenylether	16.76	248	112098	40.374	ng/uL	96
67) Hexachlorobenzene	16.88	284	120590	41.518	ng/uL	93
68) Atrazine	17.02	200	113992	41.513	ng/uL	94
69) Pentachlorophenol	17.22	266	56115	33.031	ng/uL	97
70) Phenanthrene	17.61	178	462539m	39.189	ng/uL	
72) Anthracene	17.71	178	448389	37.723	ng/uL	95
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	137230	39.943	ng/uL	99
74) Pentachlorobenzene	15.15	250	133707	40.479	ng/uL	97
75) Carbazole	17.97	167	377141	39.334	ng/uL	96
76) Di-n-butylphthalate	18.51	149	460407	37.698	ng/uL	98
77) Fluoranthene	19.61	202	604249m	40.538	ng/uL	
80) Pvrene	19.97	202	589043	40.151	ng/uL#	97
81) Butylbenzylphthalate	20.83	149	198477	38.520	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.73	252	215976	44.670	ng/uL#	99
83) Benzo(a)anthracene	21.83	228	578070	39.228	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.72	149	280764	39.092	ng/uL	99
85) Chrysene	21.90	228	551231	39.308	ng/uL	100
87) Di-n-octyl phthalate	22.98	149	466743	39.570	ng/uL	100
88) Benzo(b)fluoranthene	24.14	252	605961m	40.298	ng/uL	
89) Benzo(k)fluoranthene	24.22	252	585522	39.514	ng/uL	96
91) Benzo(a)pyrene	25.06	252	530189	39.553	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	29.08	276	656177	40.243	ng/uL#	98
93) Dibenzo(a,h)anthracene	29.14	278	550108	41.149	ng/uL	99
94) Benzo(a,h,i)perylene	30.30	276	549285m	40.827	ng/uL	

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

