Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\
Data File : BG047713.D
Acq On : 11 Dec 2020 12:52
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD080001

Quant Time: Dec 11 13:36:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 12:42:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25090	20.00	ng/ul	0.00
20) Naphthalene-d8	11.04	136	99113	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	73165	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	193052	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	195630	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	210413	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	17742	33.91	ng/uL	0.00
4) Pyridine-d5	3.95	84	133806	82.73	ng/ul	0.00
7) Phenol-d5	7.35	99	177588	81.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	89383	77.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.74	132	128793	80.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.92	113	135688	79.32	ng/ul	0.02
21) Nitrobenzene-d5	9.38	128	64679	78.37	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	76998	76.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.65	165	165127	82.92	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	177129	74.93	ng/ul	0.00
46) Dimethylphthalate-d6	14.23	166	487161	78.37	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	551753	77.43	ng/ul	0.00
54) 4-Nitrophenol-d4	15.01	143	73654	81.34	ng/ul	0.02
60) Fluorene-d10	15.82	176	444883	78.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.93	200	107325	86.26	ng/ul	0.01
73) Anthracene-d10	17.67	188	725953	77.55	ng/ul	0.00
81) Pyrene-d10	19.94	212	848981	70.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.98	264	926771	78.21	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	18223	33.595	ng/uL	95
5) Pyridine	3.97	79	127973	79.671	ng/ul#	91
6) Benzaldehyde	7.33	77	80561	88.191	ng/ul	97
8) Phenol	7.38	94	166778	79.859	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.61	93	115037	78.580	ng/ul	93
12) 2-Chlorophenol	7.76	128	130627	81.025	ng/ul	98
13) 2-Methylphenol	8.65	108	134538	80.648	ng/ul	81
14) 2,2'-oxybis(1-Chloropropan	8.73	45	109112	79.823	ng/ul	95
16) Acetophenone	9.03	105	212820	76.587	ng/ul	92
17) N-Nitroso-di-n-propylamine	9.02	70	120237	79.565	ng/ul#	89
18) 4-Methylphenol	8.98	108	138877	79.612	ng/ul	97
19) Hexachloroethane	9.30	117	62654	81.855	ng/ul#	83
22) Nitrobenzene	9.42	77	194014	77.491	ng/ul#	90
23) Isophorone	9.95	82	333631	75.788	ng/ul	98
25) 2-Nitrophenol	10.14	139	81799	80.985	ng/ul	98
26) 2,4-Dimethylphenol	10.19	107	179233	76.036	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.43	93	156372	78.428	ng/ul#	93
29) 2,4-Dichlorophenol	10.67	162	145849	79.446	ng/ul	92
30) Naphthalene	11.09	128	420965	76.547	ng/ul	99
32) 4-Chloroaniline	11.18	127	174734	78.341	ng/ul	98
33) Hexachlorobutadiene	11.37	225	147502	78.289	ng/ul	96
34) Caprolactam	11.95	113	26290	42.321	ng/ul#	64

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.29	107	161440	77.227 ng/ul#	84
36) 2-Methylnaphthalene	12.68	142	326627	78.204 ng/ul	95
37) 1-Methylnaphthalene	12.89	142	309823	77.244 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	241235	81.009 ng/ul	92
40) Hexachlorocyclopentadiene	13.02	237	168978	84.311 ng/ul	93
41) 2,4,6-Trichlorophenol	13.27	196	156154	84.129 ng/ul	94
42) 2,4,5-Trichlorophenol	13.35	196	154837	76.285 ng/ul	92
43) 1,1'-Biphenyl	13.67	154	441731	77.769 ng/ul	98
44) 2-Chloronaphthalene	13.72	162	352792	77.136 ng/ul	98
45) 2-Nitroaniline	13.91	65	129187	82.257 ng/ul	95
47) Dimethylphthalate	14.27	163	492395	76.255 ng/ul	99
48) 2,6-Dinitrotoluene	14.40	165	106605	78.940 ng/ul	97
50) Acenaphthylene	14.56	152	514264	76.775 ng/ul	97
51) 3-Nitroaniline	14.73	138	78281	85.940 ng/ul	97
52) Acenaphthene	14.90	153	375186	77.186 ng/ul	97
53) 2,4-Dinitrophenol	14.93	184	74189	99.343 ng/ul#	86
55) 4-Nitrophenol	15.03	109	128663	81.939 ng/ul	99
56) Dibenzofuran	15.23	168	534996	75.866 ng/ul	97
57) 2,4-Dinitrotoluene	15.19	165	150599	78.064 ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.45	232	158088	84.742 ng/ul#	96
59) Diethylphthalate	15.63	149	482417	76.687 ng/ul	97
61) Fluorene	15.87	166	451521	75.778 ng/ul	92
62) 4-Chlorophenyl-phenylether	15.86	204	285733	78.343 ng/ul	96
63) 4-Nitroaniline	15.88	138	75983	83.866 ng/ul#	72
66) 4,6-Dinitro-2-methylphenol	15.95	198	113574	86.387 ng/ul	93
67) N-Nitrosodiphenylamine	16.07	169	410028	77.197 ng/ul	96
68) 4-Bromophenyl-phenylether	16.75	248	196719	78.033 ng/ul	95
69) Hexachlorobenzene	16.88	284	214017	79.705 ng/ul	93
70) Atrazine	17.01	200	197273	79.280 ng/ul	96
71) Pentachlorophenol	17.21	266	118485	92.247 ng/ul	91
72) Phenanthrene	17.61	178	809347	78.126 ng/ul	98
74) Anthracene	17.71	178	793093	76.450 ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	244184	77.919 ng/uL	92
76) Pentachlorobenzene	15.15	250	241298	77.269 ng/uL	98
77) Carbazole	17.96	167	669843	80.777 ng/ul	98
78) Di-n-butylphthalate	18.50	149	807609	80.283 ng/ul	99
80) Fluoranthene	19.60	202	1092295	73.910 ng/ul#	98
82) Pyrene	19.97	202	1033424	71.470 ng/ul	98
83) Butylbenzylphthalate	20.83	149	371840	77.062 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.73	252	379106	82.881 ng/ul	98
85) Benzo(a)anthracene	21.82	228	1069252	76.994 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.71	149	513460	78.344 ng/ul	96
87) Chrysene	21.90	228	998530	75.867 ng/ul	96
89) Di-n-octyl phthalate	22.96	149	864102	78.747 ng/ul	100
90) Benzo(b)fluoranthene	24.14	252	1137132	78.109 ng/ul#	95
91) Benzo(k)fluoranthene	24.21	252	1101183	77.310 ng/ul	98
93) Benzo(a)pyrene	25.06	252	997448	76.392 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.06	276	1251418	79.197 ng/ul	99
95) Dibenzo(a,h)anthracene	29.14	278	1024120	77.535 ng/ul#	98
96) Benzo(g,h,i)perylene	30.29	276	1034613	79.904 ng/ul	97

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

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

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