Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048203.D
Acq On : 19 Feb 2021 9:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02038

Quant Time: Feb 19 11:17:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 19 11:17:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	131205	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	97910	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	251929	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	277958	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	277472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5868	6.87	ng/uL	0.00
5) Phenol-d5	7.30	99	60230	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35640	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	43122	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	45650	19.41	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	21999	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	27006	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	50113	21.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	56202	24.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	154373	21.29	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	189844	21.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	26398	21.42	ng/ul	0.00
58) Fluorene-d10	15.73	176	139598	21.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	33058	21.40	ng/ul	0.00
71) Anthracene-d10	17.58	188	233816	21.65	ng/ul	0.00
79) Pyrene-d10	19.86	212	286148	20.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	293905	20.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7515	7.668	ng/uL#	85
4) Benzaldehyde	7.25	77	43981	24.957	ng/ul	98
6) Phenol	7.33	94	61937	20.013	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.53	93	43664	18.681	ng/ul#	87
10) 2-Chlorophenol	7.69	128	43945	19.742	ng/ul	90
11) 2-Methylphenol	8.57	108	45540	20.338	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.64	45	60585	19.832	ng/ul	98
14) Acetophenone	8.94	105	77215	20.163	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.91	70	41721	19.619	ng/ul	98
16) 4-Methylphenol	8.91	108	48719	20.163	ng/ul	87
17) Hexachloroethane	9.20	117	19816	19.930	ng/ul	88
20) Nitrobenzene	9.32	77	65377	21.901	ng/ul	95
21) Isophorone	9.85	82	111952	21.227	ng/ul	97
23) 2-Nitrophenol	10.04	139	27010	22.344	ng/ul	98
24) 2,4-Dimethylphenol	10.11	107	58004	21.683	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.32	93	61544	20.701	ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	49321	22.206	ng/ul	97
28) Naphthalene	10.98	128	141027	21.310	ng/ul	100
30) 4-Chloroaniline	11.09	127	56119	23.845	ng/ul	99
31) Hexachlorobutadiene	11.25	225	41274	21.307	ng/ul	90
32) Caprolactam	11.87	113	15436	19.916	ng/ul	96
33) 4-Chloro-3-methylphenol	12.23	107	54753	22.266	ng/ul	98
34) 2-Methylnaphthalene	12.57	142	104692	20.812	ng/ul	98

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35) 1-Methylnaphthalene	12.79	142	103878	21.348	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	74226	21.074	ng/ul	97
38) Hexachlorocyclopentadiene	12.91	237	46580	20.513	ng/ul	88
39) 2,4,6-Trichlorophenol	13.18	196	48441	22.335	ng/ul	95
40) 2,4,5-Trichlorophenol	13.27	196	51073	23.172	ng/ul	95
41) 1,1'-Biphenyl	13.57	154	141704	21.098	ng/ul	97
42) 2-Chloronaphthalene	13.62	162	119748	21.638	ng/ul	98
43) 2-Nitroaniline	13.83	65	44086	23.035	ng/ul	91
45) Dimethylphthalate	14.19	163	160322	21.384	ng/ul	97
46) 2,6-Dinitrotoluene	14.31	165	33665	21.350	ng/ul	96
48) Acenaphthylene	14.47	152	172008	21.694	ng/ul	97
49) 3-Nitroaniline	14.65	138	32929	24.777	ng/ul	96
50) Acenaphthene	14.80	153	125640	21.113	ng/ul	97
51) 2,4-Dinitrophenol	14.86	184	21386	21.718	ng/ul	96
53) 4-Nitrophenol	14.99	109	30448	21.886	ng/ul	96
54) Dibenzofuran	15.14	168	184359	21.227	ng/ul	97
55) 2,4-Dinitrotoluene	15.11	165	50567	22.327	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.37	232	49788	22.096	ng/ul#	98
57) Diethylphthalate	15.54	149	164798	21.294	ng/ul	97
59) Fluorene	15.78	166	151959	21.643	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.77	204	89754	21.308	ng/ul	95
61) 4-Nitroaniline	15.82	138	37726	25.216	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	32384	21.040	ng/ul	100
65) N-Nitrosodiphenylamine	15.99	169	138720	21.454	ng/ul	95
66) 4-Bromophenyl-phenylether	16.66	248	60667	20.373	ng/ul	94
67) Hexachlorobenzene	16.79	284	63849	20.228	ng/ul	97
68) Atrazine	16.94	200	65229	22.560	ng/ul	99
69) Pentachlorophenol	17.14	266	34724	19.702	ng/ul	96
70) Phenanthrene	17.53	178	277778	21.945	ng/ul	99
72) Anthracene	17.61	178	282732	22.143	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	77741	20.653	ng/uL	96
74) Pentachlorobenzene	15.05	250	75501	20.456	ng/uL	97
75) Carbazole	17.89	167	253187	23.711	ng/ul	99
76) Di-n-butylphthalate	18.43	149	294843	22.636	ng/ul	99
77) Fluoranthene	19.53	202	369057	23.913	ng/ul	99
80) Pyrene	19.89	202	373985	21.656	ng/ul	99
81) Butylbenzylphthalate	20.76	149	132186	21.874	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.65	252	128048	22.516	ng/ul	99
83) Benzo(a)anthracene	21.74	228	376338	21.672	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	184050	20.976	ng/ul	100
85) Chrysene	21.80	228	360557	21.725	ng/ul	99
87) Di-n-octyl phthalate	22.86	149	318086	22.325	ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	370864	21.285	ng/ul#	96
89) Benzo(k)fluoranthene	24.07	252	364422	21.355	ng/ul	96
91) Benzo(a)pyrene	24.89	252	324552	21.170	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.79	276	413376	21.077	ng/ul	100
93) Dibenzo(a,h)anthracene	28.85	278	347487	21.187	ng/ul	99
94) Benzo(g,h,i)perylene	29.97	276	329471	20.201	ng/ul	99

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

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