Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048293.D
Acq On : 23 Feb 2021 14:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02048

Quant Time: Feb 23 15:09:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	142829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	103195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	247777	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	252661	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	245327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6914	7.90	ng/uL	0.00
5) Phenol-d5	7.33	99	64460	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	39862	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	46464	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	49340	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	22374	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	29378	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	53662	21.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	60045	24.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	153209	20.04	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	195038	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	29623	22.81	ng/ul	0.00
58) Fluorene-d10	15.73	176	143346	21.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	27758	18.27	ng/ul	0.00
71) Anthracene-d10	17.59	188	223940	21.08	ng/ul	0.00
79) Pyrene-d10	19.87	212	252811	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.85	264	259632	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	7208	7.176	ng/uL	100
4) Benzaldehyde	7.26	77	45814	25.365	ng/ul	100
6) Phenol	7.36	94	67976	21.430	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.54	93	50472	21.069	ng/ul	100
10) 2-Chlorophenol	7.70	128	47235	20.704	ng/ul	100
11) 2-Methylphenol	8.60	108	50503	22.006	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.64	45	68188	21.778	ng/ul	100
14) Acetophenone	8.95	105	85135	21.690	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.93	70	47363	21.730	ng/ul	100
16) 4-Methylphenol	8.94	108	51671	20.864	ng/ul	100
17) Hexachloroethane	9.20	117	19863	19.491	ng/ul	100
20) Nitrobenzene	9.34	77	71173	21.902	ng/ul	100
21) Isophorone	9.85	82	116216	20.242	ng/ul	100
23) 2-Nitrophenol	10.05	139	30320	23.041	ng/ul	100
24) 2,4-Dimethylphenol	10.13	107	66754	22.923	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.34	93	67604	20.888	ng/ul	100
27) 2,4-Dichlorophenol	10.61	162	52721	21.805	ng/ul	100
28) Naphthalene	10.99	128	153995	21.376	ng/ul	100
30) 4-Chloroaniline	11.11	127	62202	24.279	ng/ul	100
31) Hexachlorobutadiene	11.25	225	42947	20.366	ng/ul	100
32) Caprolactam	11.88	113	16282	19.298	ng/ul	100
33) 4-Chloro-3-methylphenol	12.27	107	57448	21.461	ng/ul	100
34) 2-Methylnaphthalene	12.58	142	111839	20.424	ng/ul	100

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35) 1-Methylnaphthalene	12.80	142	109149	20.606	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	81840	22.046	ng/ul	100
38) Hexachlorocyclopentadiene	12.91	237	38689	16.165	ng/ul	100
39) 2,4,6-Trichlorophenol	13.21	196	50614	22.142	ng/ul	100
40) 2,4,5-Trichlorophenol	13.30	196	51791	22.295	ng/ul	100
41) 1,1'-Biphenyl	13.58	154	151821	21.447	ng/ul	100
42) 2-Chloronaphthalene	13.63	162	126368	21.665	ng/ul	100
43) 2-Nitroaniline	13.85	65	46198	22.902	ng/ul	100
45) Dimethylphthalate	14.20	163	160693	20.336	ng/ul	100
46) 2,6-Dinitrotoluene	14.34	165	33580	20.206	ng/ul	100
48) Acenaphthylene	14.47	152	175705	21.025	ng/ul	100
49) 3-Nitroaniline	14.68	138	32677	23.328	ng/ul	100
50) Acenaphthene	14.81	153	128527	20.492	ng/ul	100
51) 2,4-Dinitrophenol	14.89	184	15958	15.376	ng/ul	100
53) 4-Nitrophenol	15.05	109	30462	20.774	ng/ul	100
54) Dibenzofuran	15.14	168	189992	20.756	ng/ul	100
55) 2,4-Dinitrotoluene	15.12	165	49763	20.847	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.39	232	46741	19.682	ng/ul	100
57) Diethylphthalate	15.55	149	158897	19.480	ng/ul	100
59) Fluorene	15.79	166	152127	20.557	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.78	204	93902	21.151	ng/ul	100
61) 4-Nitroaniline	15.85	138	33002	20.929	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.89	198	29183	19.278	ng/ul	100
65) N-Nitrosodiphenylamine	16.00	169	139809	21.985	ng/ul	100
66) 4-Bromophenyl-phenylether	16.67	248	61845	21.117	ng/ul	100
67) Hexachlorobenzene	16.79	284	64137	20.660	ng/ul	100
68) Atrazine	16.95	200	56798	19.973	ng/ul	100
69) Pentachlorophenol	17.16	266	25423	14.666	ng/ul	100
70) Phenanthrene	17.53	178	262311	21.071	ng/ul	100
72) Anthracene	17.63	178	272312	21.685	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	83834	22.644	ng/uL	100
74) Pentachlorobenzene	15.06	250	77210	21.269	ng/uL	100
75) Carbazole	17.91	167	234306	22.310	ng/ul	100
76) Di-n-butylphthalate	18.43	149	264803	20.671	ng/ul	100
77) Fluoranthene	19.54	202	329769	21.726	ng/ul	100
80) Pyrene	19.90	202	331466	21.116	ng/ul	100
81) Butylbenzylphthalate	20.77	149	115335	20.997	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.67	252	116612	22.558	ng/ul	100
83) Benzo(a)anthracene	21.76	228	338591	21.450	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	147012	18.432	ng/ul	100
85) Chrysene	21.82	228	323012	21.412	ng/ul	100
87) Di-n-octyl phthalate	22.86	149	262378	20.828	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	324873	21.088	ng/ul	100
89) Benzo(k)fluoranthene	24.10	252	317314	21.031	ng/ul	100
91) Benzo(a)pyrene	24.92	252	284310	20.975	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.85	276	337731	19.476	ng/ul	100
93) Dibenzo(a,h)anthracene	28.91	278	294303	20.296	ng/ul	100
94) Benzo(g,h,i)perylene	30.04	276	257320	17.845	ng/ul	100

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

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