Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046911.D
Acq On : 15 Oct 2020 3:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02028

Quant Time: Oct 15 04:19:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 00:34:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	250640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	193136	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	489998	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	521819	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	547668	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	9308	7.27	ng/uL	0.00
5) Phenol-d5	7.24	99	99090	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	57347	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	75262	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	79452	18.88	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	38208	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	43209	22.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	91664	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	97572	18.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	285822	19.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	321849	18.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	50982	20.26	ng/ul	0.00
58) Fluorene-d10	15.71	176	267254	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	53626	21.90	ng/ul	0.00
71) Anthracene-d10	17.56	188	425681	18.93	ng/ul	0.00
79) Pyrene-d10	19.84	212	525840	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	536881	18.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	11847	7.216	ng/uL#	90
4) Benzaldehyde	7.23	77	61889	16.310	ng/ul	98
6) Phenol	7.27	94	106629	18.919	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.51	93	78074	17.988	ng/ul	96
10) 2-Chlorophenol	7.66	128	76041	18.990	ng/ul	94
11) 2-Methylphenol	8.53	108	77740	18.709	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.62	45	113261	16.585	ng/ul	99
14) Acetophenone	8.91	105	124721	18.285	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.90	70	66185	17.963	ng/ul	91
16) 4-Methylphenol	8.86	108	82472	18.609	ng/ul	96
17) Hexachloroethane	9.19	117	34343	18.465	ng/ul	98
20) Nitrobenzene	9.30	77	103738	19.385	ng/ul#	97
21) Isophorone	9.82	82	191845	17.972	ng/ul	98
23) 2-Nitrophenol	10.01	139	48241	23.227	ng/ul	89
24) 2,4-Dimethylphenol	10.07	107	97930	18.823	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	110235	17.728	ng/ul	95
27) 2,4-Dichlorophenol	10.55	162	88179	20.196	ng/ul	95
28) Naphthalene	10.96	128	258033	18.595	ng/ul	98
30) 4-Chloroaniline	11.06	127	93415	18.000	ng/ul	96
31) Hexachlorobutadiene	11.24	225	70451	18.777	ng/ul	95
32) Caprolactam	11.81	113	30324	20.129	ng/ul	94
33) 4-Chloro-3-methylphenol	12.17	107	94651	19.835	ng/ul	93
34) 2-Methylnaphthalene	12.56	142	192088	18.936	ng/ul	95

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35) 1-Methylnaphthalene	12.77	142	185939	18.913 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	129245	18.279 ng/ul	92
38) Hexachlorocyclopentadiene	12.90	237	77484	16.946 ng/ul#	99
39) 2,4,6-Trichlorophenol	13.16	196	83610	19.981 ng/ul	88
40) 2,4,5-Trichlorophenol	13.23	196	90883	20.466 ng/ul	95
41) 1,1'-Biphenyl	13.56	154	271872	18.300 ng/ul	95
42) 2-Chloronaphthalene	13.60	162	218039	18.323 ng/ul	94
43) 2-Nitroaniline	13.80	65	68738	21.808 ng/ul	99
45) Dimethylphthalate	14.17	163	297721	19.933 ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	63688	24.096 ng/ul	90
48) Acenaphthylene	14.44	152	318554	18.452 ng/ul	98
49) 3-Nitroaniline	14.61	138	47209	17.934 ng/ul	98
50) Acenaphthene	14.78	153	225483	18.353 ng/ul	100
51) 2,4-Dinitrophenol	14.82	184	32197	20.283 ng/ul#	73
53) 4-Nitrophenol	14.92	109	52447	21.041 ng/ul	92
54) Dibenzofuran	15.12	168	336821	18.659 ng/ul	98
55) 2,4-Dinitrotoluene	15.07	165	91271	24.961 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.34	232	91079	22.013 ng/ul#	99
57) Diethylphthalate	15.53	149	294944	19.763 ng/ul	97
59) Fluorene	15.76	166	282640	19.281 ng/ul	92
60) 4-Chlorophenyl-phenylether	15.76	204	160931	19.072 ng/ul	96
61) 4-Nitroaniline	15.78	138	53991	18.654 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.83	198	60010	22.323 ng/ul#	95
65) N-Nitrosodiphenylamine	15.97	169	253130	17.946 ng/ul	95
66) 4-Bromophenyl-phenylether	16.65	248	114031	18.637 ng/ul	99
67) Hexachlorobenzene	16.77	284	100386	19.033 ng/ul	94
68) Atrazine	16.91	200	117084	20.039 ng/ul	99
69) Pentachlorophenol	17.11	266	73888	19.162 ng/ul	98
70) Phenanthrene	17.51	178	494365	18.456 ng/ul	99
72) Anthracene	17.60	178	505109	18.611 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	132860	17.572 ng/uL	91
74) Pentachlorobenzene	15.04	250	139245	18.125 ng/uL	93
75) Carbazole	17.86	167	425006	19.647 ng/ul	98
76) Di-n-butylphthalate	18.42	149	522361	19.470 ng/ul	99
77) Fluoranthene	19.51	202	656947	20.653 ng/ul	99
80) Pyrene	19.87	202	649035	19.351 ng/ul	97
81) Butylbenzylphthalate	20.75	149	236050	20.193 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.63	252	200307	16.413 ng/ul	98
83) Benzo(a)anthracene	21.72	228	653136	19.129 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	335448	19.297 ng/ul	98
85) Chrysene	21.78	228	617692	18.650 ng/ul	98
87) Di-n-octyl phthalate	22.84	149	559458	18.703 ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	654421	18.113 ng/ul	99
89) Benzo(k)fluoranthene	24.03	252	633532	17.990 ng/ul	99
91) Benzo(a)pyrene	24.84	252	582498	17.651 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	718712	17.750 ng/ul	99
93) Dibenzo(a,h)anthracene	28.78	278	594018	17.706 ng/ul	96
94) Benzo(g,h,i)perylene	29.88	276	593061	17.483 ng/ul	95

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

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