Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102120\
Data File : BG047011.D
Acq On : 21 Oct 2020 11:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02043

Quant Time: Oct 21 12:10:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 12:10:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	244064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	164153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	392321	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	412567	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	398218	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	11406	7.88	ng/uL	0.00
5) Phenol-d5	7.22	99	118440	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	64524	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	88460	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	89392	19.73	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	43002	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	49524	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	99692	21.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	101405	19.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	277843	20.38	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	328614	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	46354	19.72	ng/ul	0.00
58) Fluorene-d10	15.69	176	255976	20.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	52397	19.39	ng/ul	0.00
71) Anthracene-d10	17.54	188	393191	20.69	ng/ul	0.00
79) Pyrene-d10	19.82	212	483511	21.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	466728	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	13994	8.102	ng/uL#	77
4) Benzaldehyde	7.20	77	50369	15.263	ng/ul	95
6) Phenol	7.24	94	117571	19.785	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.48	93	91839	20.393	ng/ul	96
10) 2-Chlorophenol	7.63	128	87637	20.511	ng/ul	96
11) 2-Methylphenol	8.50	108	85348	19.279	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.60	45	132355	20.548	ng/ul	99
14) Acetophenone	8.89	105	139212	19.160	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.87	70	71350	18.723	ng/ul	97
16) 4-Methylphenol	8.83	108	92682	19.724	ng/ul	97
17) Hexachloroethane	9.15	117	40708	20.911	ng/ul	88
20) Nitrobenzene	9.27	77	118972	21.256	ng/ul	98
21) Isophorone	9.79	82	205206	19.923	ng/ul	99
23) 2-Nitrophenol	9.98	139	52013	20.976	ng/ul	90
24) 2,4-Dimethylphenol	10.04	107	105502	20.169	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.28	93	115799	19.716	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	94297	20.424	ng/ul	98
28) Naphthalene	10.93	128	282357	20.049	ng/ul	98
30) 4-Chloroaniline	11.03	127	97710	19.134	ng/ul	100
31) Hexachlorobutadiene	11.22	225	81233	20.650	ng/ul	96
32) Caprolactam	11.78	113	28055	17.955	ng/ul	89
33) 4-Chloro-3-methylphenol	12.14	107	94550	19.573	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	208895	20.175	ng/ul	100

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35) 1-Methylnaphthalene	12.75	142	200867	19.669 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	141138	22.047 ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	77865	18.316 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.13	196	86709	22.008 ng/ul	94
40) 2,4,5-Trichlorophenol	13.20	196	87339	20.999 ng/ul	99
41) 1,1'-Biphenyl	13.53	154	275678	20.820 ng/ul	96
42) 2-Chloronaphthalene	13.57	162	224955	21.205 ng/ul	98
43) 2-Nitroaniline	13.77	65	68794	21.615 ng/ul	98
45) Dimethylphthalate	14.14	163	282262	19.966 ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	63186	21.866 ng/ul	97
48) Acenaphthylene	14.42	152	321892	20.488 ng/ul	98
49) 3-Nitroaniline	14.59	138	45325	18.922 ng/ul	99
50) Acenaphthene	14.76	153	229875	20.866 ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	30855	16.915 ng/ul	95
53) 4-Nitrophenol	14.89	109	49297	19.985 ng/ul	94
54) Dibenzofuran	15.09	168	336929	20.580 ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	83662	20.170 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.32	232	88538	21.491 ng/ul#	94
57) Diethylphthalate	15.51	149	279893	19.849 ng/ul	96
59) Fluorene	15.74	166	271700	20.223 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.73	204	155505	19.860 ng/ul	98
61) 4-Nitroaniline	15.75	138	49428	18.496 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	56413	19.415 ng/ul#	98
65) N-Nitrosodiphenylamine	15.95	169	244491	21.237 ng/ul	96
66) 4-Bromophenyl-phenylether	16.63	248	113609	21.709 ng/ul	96
67) Hexachlorobenzene	16.75	284	117432	21.544 ng/ul#	93
68) Atrazine	16.89	200	109167	21.467 ng/ul	94
69) Pentachlorophenol	17.09	266	65235	19.282 ng/ul	88
70) Phenanthrene	17.49	178	467922	20.844 ng/ul	99
72) Anthracene	17.57	178	469055	20.685 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	137078	21.983 ng/uL	97
74) Pentachlorobenzene	15.02	250	134194	20.973 ng/uL	99
75) Carbazole	17.84	167	386244	21.211 ng/ul	99
76) Di-n-butylphthalate	18.40	149	489331	20.536 ng/ul	99
77) Fluoranthene	19.49	202	604412	22.048 ng/ul	98
80) Pyrene	19.85	202	594233	21.283 ng/ul	98
81) Butylbenzylphthalate	20.73	149	219161	21.569 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	182561	18.917 ng/ul	96
83) Benzo(a)anthracene	21.69	228	593399	20.839 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	305827	21.079 ng/ul	96
85) Chrysene	21.76	228	569882	20.743 ng/ul	99
87) Di-n-octyl phthalate	22.80	149	513599	22.440 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	579255	20.970 ng/ul	98
89) Benzo(k)fluoranthene	23.99	252	587312	22.048 ng/ul	99
91) Benzo(a)pyrene	24.80	252	533669	21.490 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.64	276	645949	21.232 ng/ul	98
93) Dibenzo(a,h)anthracene	28.70	278	534989	21.205 ng/ul	99
94) Benzo(g,h,i)perylene	29.80	276	544027	21.303 ng/ul	99

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

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