Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046979.D
Acq On : 18 Oct 2020 17:50
Operator : CG/JU
Sample : SSTDCCC020EC
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
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10/19/2020 1:26:20 PM

Quant Time: Oct 19 07:29:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 04:55:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	74570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	309968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	258848	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	757295	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	747857	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	763924	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	11436	6.81	ng/uL	0.00
5) Phenol-d5	7.22	99	143083	21.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	81199	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	106180	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	121517	23.13	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	54195	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	63413	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	131143	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	137745	20.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	503203	23.40	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	496515	20.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	89070	24.03	ng/ul	0.00
58) Fluorene-d10	15.68	176	447917	22.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	106774	20.47	ng/ul	0.00
71) Anthracene-d10	17.54	188	713051	19.44	ng/ul	0.00
79) Pyrene-d10	19.82	212	829684	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	819359	19.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	14479	7.228	ng/uL#	83
4) Benzaldehyde	7.20	77	46112	12.049	ng/ul	93
6) Phenol	7.25	94	144917	21.029	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	107823	20.646	ng/ul	96
10) 2-Chlorophenol	7.63	128	111265	22.455	ng/ul	96
11) 2-Methylphenol	8.51	108	110360	21.496	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.59	45	161295	21.592	ng/ul	97
14) Acetophenone	8.89	105	177651	21.083	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	101694	23.011	ng/ul	94
16) 4-Methylphenol	8.83	108	119681	21.962	ng/ul	100
17) Hexachloroethane	9.16	117	49596	21.968	ng/ul	97
20) Nitrobenzene	9.27	77	142277	20.015	ng/ul	99
21) Isophorone	9.80	82	299482	22.895	ng/ul	97
23) 2-Nitrophenol	9.99	139	67672	21.489	ng/ul	94
24) 2,4-Dimethylphenol	10.04	107	144629	21.770	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.28	93	151633	20.328	ng/ul	95
27) 2,4-Dichlorophenol	10.52	162	128269	21.876	ng/ul	98
28) Naphthalene	10.93	128	361456	20.209	ng/ul	99
30) 4-Chloroaniline	11.03	127	135879	20.951	ng/ul	99
31) Hexachlorobutadiene	11.21	225	101273	20.270	ng/ul	95
32) Caprolactam	11.80	113	55170m	27.802	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	160090	26.094	ng/ul	92
34) 2-Methylnaphthalene	12.53	142	273545	20.802	ng/ul	96

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35) 1-Methylnaphthalene	12.75	142	264771	20.414 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	187855	18.609 ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	112385	16.765 ng/ul#	88
39) 2,4,6-Trichlorophenol	13.13	196	139282	22.419 ng/ul	94
40) 2,4,5-Trichlorophenol	13.21	196	149948	22.863 ng/ul	98
41) 1,1'-Biphenyl	13.53	154	385599	18.468 ng/ul	98
42) 2-Chloronaphthalene	13.58	162	305183	18.244 ng/ul	99
43) 2-Nitroaniline	13.77	65	121428	24.196 ng/ul	95
45) Dimethylphthalate	14.15	163	516652	23.177 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	112106	24.602 ng/ul	98
48) Acenaphthylene	14.42	152	480507	19.395 ng/ul	98
49) 3-Nitroaniline	14.60	138	87755	23.234 ng/ul	97
50) Acenaphthene	14.76	153	354133	20.385 ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	87097	30.280 ng/ul	95
53) 4-Nitrophenol	14.90	109	90683	23.314 ng/ul	96
54) Dibenzofuran	15.10	168	542285	21.005 ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	163044	24.928 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.32	232	166885	25.689 ng/ul#	96
57) Diethylphthalate	15.51	149	534743	24.049 ng/ul	96
59) Fluorene	15.74	166	475045	22.424 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	275300	22.297 ng/ul	99
61) 4-Nitroaniline	15.76	138	95672	22.704 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	112080	19.983 ng/ul	98
65) N-Nitrosodiphenylamine	15.95	169	444732	20.013 ng/ul	96
66) 4-Bromophenyl-phenylether	16.63	248	202903	20.086 ng/ul	96
67) Hexachlorobenzene	16.75	284	216501	20.576 ng/ul#	93
68) Atrazine	16.89	200	169135	17.230 ng/ul	93
69) Pentachlorophenol	17.09	266	130411	19.969 ng/ul	95
70) Phenanthrene	17.48	178	836036	19.293 ng/ul	97
72) Anthracene	17.58	178	852508	19.477 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	190505	15.827 ng/uL	98
74) Pentachlorobenzene	15.02	250	225517	18.259 ng/uL	97
75) Carbazole	17.84	167	699881	19.912 ng/ul	99
76) Di-n-butylphthalate	18.39	149	884218	19.225 ng/ul	99
77) Fluoranthene	19.49	202	1042602	19.703 ng/ul	99
80) Pyrene	19.85	202	1004365	19.844 ng/ul	99
81) Butylbenzylphthalate	20.73	149	377437	20.492 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.60	252	338194	19.332 ng/ul	99
83) Benzo(a)anthracene	21.70	228	1008741	19.543 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	537074	20.421 ng/ul	97
85) Chrysene	21.76	228	963139	19.340 ng/ul	97
87) Di-n-octyl phthalate	22.81	149	908153	20.683 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	1033060	19.495 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	987819	19.330 ng/ul	98
91) Benzo(a)pyrene	24.80	252	919182	19.294 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.65	276	1147940	19.669 ng/ul	99
93) Dibenzo(a,h)anthracene	28.71	278	937239	19.365 ng/ul	98
94) Benzo(g,h,i)perylene	29.80	276	950729	19.407 ng/ul	99

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

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