Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046981.D
Acq On : 19 Oct 2020 9:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02038

Manual Integrations APPROVED
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10/20/2020 2:57:40 PM

Quant Time: Oct 19 11:25:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	217632	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	157954	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	377000	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	381881	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	376404	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8879	7.10	ng/uL	0.00
5) Phenol-d5	7.22	99	102544	21.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	57011	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	74081	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	78983	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	37980	20.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	44209	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	89267	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	93346	19.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	268489	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	319649	21.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	43449	19.21	ng/ul	0.00
58) Fluorene-d10	15.69	176	247763	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	50469	19.44	ng/ul	0.00
71) Anthracene-d10	17.54	188	380721	20.85	ng/ul	0.00
79) Pyrene-d10	19.82	212	453131	21.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	452198	21.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10615	7.119	ng/uL	91
4) Benzaldehyde	7.20	77	42309	14.852	ng/ul	89
6) Phenol	7.24	94	98261	19.156	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.49	93	77610	19.965	ng/ul	92
10) 2-Chlorophenol	7.63	128	76695	20.795	ng/ul	100
11) 2-Methylphenol	8.50	108	73311	19.184	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.60	45	114941	20.672	ng/ul	99
14) Acetophenone	8.89	105	122666	19.558	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	65213	19.825	ng/ul	98
16) 4-Methylphenol	8.83	108	81878	20.186	ng/ul	99
17) Hexachloroethane	9.16	117	33572	19.978	ng/ul	95
20) Nitrobenzene	9.27	77	105556	21.149	ng/ul	99
21) Isophorone	9.79	82	181520	19.764	ng/ul	98
23) 2-Nitrophenol	9.98	139	46488	21.025	ng/ul	92
24) 2,4-Dimethylphenol	10.04	107	94973	20.361	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.28	93	103678	19.796	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	86159	20.928	ng/ul	99
28) Naphthalene	10.93	128	257480	20.503	ng/ul	99
30) 4-Chloroaniline	11.03	127	91746	20.148	ng/ul	96
31) Hexachlorobutadiene	11.22	225	72425	20.647	ng/ul	96
32) Caprolactam	11.78	113	28705m	20.603	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	88934	20.646	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	189446	20.519	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	182997	20.095	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	131980	21.425	ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	74113	18.118	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.13	196	80980	21.361	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	84078	21.009	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	261365	20.513	ng/ul	98
42) 2-Chloronaphthalene	13.57	162	211202	20.690	ng/ul	99
43) 2-Nitroaniline	13.77	65	67928	22.181	ng/ul	97
45) Dimethylphthalate	14.14	163	268648	19.749	ng/ul	97
46) 2,6-Dinitrotoluene	14.27	165	59310	21.330	ng/ul	99
48) Acenaphthylene	14.42	152	314583	20.808	ng/ul	98
49) 3-Nitroaniline	14.59	138	42922	18.622	ng/ul	97
50) Acenaphthene	14.76	153	221941	20.936	ng/ul	99
51) 2,4-Dinitrophenol	14.79	184	31080	17.707	ng/ul	97
53) 4-Nitrophenol	14.89	109	46271	19.495	ng/ul	90
54) Dibenzofuran	15.09	168	327384	20.782	ng/ul	100
55) 2,4-Dinitrotoluene	15.05	165	84588	21.194	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.32	232	87989	22.196	ng/ul#	93
57) Diethylphthalate	15.51	149	275340	20.293	ng/ul	99
59) Fluorene	15.74	166	270565	20.929	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.73	204	154730	20.537	ng/ul	97
61) 4-Nitroaniline	15.75	138	43377	16.869	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	54593	19.552	ng/ul	94
65) N-Nitrosodiphenylamine	15.95	169	231324	20.910	ng/ul	94
66) 4-Bromophenyl-phenylether	16.63	248	109061	21.687	ng/ul	97
67) Hexachlorobenzene	16.75	284	115407	22.033	ng/ul#	93
68) Atrazine	16.89	200	104352	21.354	ng/ul	95
69) Pentachlorophenol	17.09	266	64137	19.728	ng/ul	90
70) Phenanthrene	17.49	178	457811	21.222	ng/ul	98
72) Anthracene	17.57	178	463591	21.275	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	132418	22.099	ng/uL	97
74) Pentachlorobenzene	15.01	250	130940	21.296	ng/uL	98
75) Carbazole	17.84	167	373829	21.364	ng/ul	98
76) Di-n-butylphthalate	18.40	149	465680	20.338	ng/ul	98
77) Fluoranthene	19.49	202	569903	21.635	ng/ul#	98
80) Pyrene	19.85	202	560547	21.690	ng/ul	99
81) Butylbenzylphthalate	20.73	149	202248	21.504	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	176462	19.754	ng/ul	96
83) Benzo(a)anthracene	21.69	228	551524	20.925	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	286186	21.310	ng/ul	98
85) Chrysene	21.76	228	532969	20.958	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	485587	22.445	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	557528	21.353	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	551057	21.885	ng/ul	99
91) Benzo(a)pyrene	24.79	252	496387	21.147	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.64	276	606522m	21.092	ng/ul	
93) Dibenzo(a,h)anthracene	28.70	278	508901	21.340	ng/ul	99
94) Benzo(g,h,i)perylene	29.79	276	515345	21.349	ng/ul	99

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

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