Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122120\
Data File : BG047795.D
Acq On : 22 Dec 2020 1:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

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Quant Time: Dec 22 02:27:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 00:34:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	33710	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	130967	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	103551	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	246632	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	241371	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	261834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5397	8.53	ng/uL	0.00
5) Phenol-d5	7.34	99	53616	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	29201	19.69	ng/ul	0.01
9) 2-Chlorophenol-d4	7.72	132	41900	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	44130	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	20526	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	24413	18.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	50402	18.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	45386	17.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	150859	16.77	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	180794	17.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	23109	17.32	ng/ul	0.00
58) Fluorene-d10	15.81	176	142175	17.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	31500	18.87	ng/ul	0.00
71) Anthracene-d10	17.66	188	225422	18.32	ng/ul	0.00
79) Pyrene-d10	19.93	212	260452	18.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	273492	17.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	6202	9.500	ng/uL#	88
4) Benzaldehyde	7.33	77	27026	17.653	ng/ul#	81
6) Phenol	7.36	94	51950	19.059	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.60	93	36917	19.466	ng/ul	86
10) 2-Chlorophenol	7.76	128	41663	19.341	ng/ul#	87
11) 2-Methylphenol	8.63	108	41939	19.357	ng/ul#	66
12) 2,2'-oxybis(1-Chloropropan	8.73	45	35318m	19.884	ng/ul	
14) Acetophenone	9.03	105	67349	18.642	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.00	70	38739	19.403	ng/ul#	93
16) 4-Methylphenol	8.96	108	44730	19.327	ng/ul	86
17) Hexachloroethane	9.30	117	19574	18.586	ng/ul#	74
20) Nitrobenzene	9.41	77	61790	18.286	ng/ul	95
21) Isophorone	9.93	82	104650	18.023	ng/ul	96
23) 2-Nitrophenol	10.13	139	24883	18.904	ng/ul	88
24) 2,4-Dimethylphenol	10.17	107	57698	18.302	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.41	93	51199	19.250	ng/ul	91
27) 2,4-Dichlorophenol	10.67	162	44642	18.887	ng/ul	92
28) Naphthalene	11.08	128	134688	18.442	ng/ul#	93
30) 4-Chloroaniline	11.17	127	41474	17.487	ng/ul	100
31) Hexachlorobutadiene	11.36	225	46654	18.075	ng/ul#	89
32) Caprolactam	11.92	113	13593m	17.071	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	50897	17.687	ng/ul	98
34) 2-Methylnaphthalene	12.67	142	105322	18.719	ng/ul	97

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35) 1-Methylnaphthalene	12.89	142	117850	18.066	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	76382	18.561	ng/ul#	98
38) Hexachlorocyclopentadiene	13.01	237	46805	16.289	ng/ul	93
39) 2,4,6-Trichlorophenol	13.26	196	46663	17.366	ng/ul#	85
40) 2,4,5-Trichlorophenol	13.33	196	48947	17.611	ng/ul	93
41) 1,1'-Biphenyl	13.66	154	142442	18.274	ng/ul	97
42) 2-Chloronaphthalene	13.70	162	112962	17.898	ng/ul	93
43) 2-Nitroaniline	13.90	65	39154	17.361	ng/ul	93
45) Dimethylphthalate	14.26	163	156310	17.155	ng/ul	98
46) 2,6-Dinitrotoluene	14.39	165	32146	16.492	ng/ul#	89
48) Acenaphthylene	14.55	152	166237	17.444	ng/ul	97
49) 3-Nitroaniline	14.71	138	23178	17.429	ng/ul	94
50) Acenaphthene	14.88	153	115629	17.167	ng/ul	97
51) 2,4-Dinitrophenol	14.92	184	19224	17.084	ng/ul	95
53) 4-Nitrophenol	15.01	109	37382	17.026	ng/ul	90
54) Dibenzofuran	15.21	168	170949	17.395	ng/ul	94
55) 2,4-Dinitrotoluene	15.17	165	45518	16.551	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.44	232	48013	18.466	ng/ul#	92
57) Diethylphthalate	15.61	149	146433	16.466	ng/ul	97
59) Fluorene	15.87	166	143364	17.061	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.85	204	87583	16.678	ng/ul	95
61) 4-Nitroaniline	15.87	138	22845	15.398	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	30516	18.129	ng/ul	100
65) N-Nitrosodiphenylamine	16.06	169	123276	18.133	ng/ul#	90
66) 4-Bromophenyl-phenylether	16.74	248	60025	18.872	ng/ul	95
67) Hexachlorobenzene	16.86	284	64944	18.723	ng/ul#	87
68) Atrazine	17.00	200	58034	18.425	ng/ul	97
69) Pentachlorophenol	17.21	266	33195	22.133	ng/ul	94
70) Phenanthrene	17.60	178	242984	18.177	ng/ul	97
72) Anthracene	17.69	178	243918	18.306	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	77394	20.026	ng/uL	100
74) Pentachlorobenzene	15.14	250	74015	19.212	ng/uL	90
75) Carbazole	17.96	167	201980	19.008	ng/ul	95
76) Di-n-butylphthalate	18.50	149	242429	17.860	ng/ul	98
77) Fluoranthene	19.60	202	326924	19.221	ng/ul	100
80) Pyrene	19.95	202	321201	18.297	ng/ul	99
81) Butylbenzylphthalate	20.82	149	110092	18.848	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.72	252	99488	18.036	ng/ul#	93
83) Benzo(a)anthracene	21.81	228	320264	18.572	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.69	149	151634	18.497	ng/ul#	98
85) Chrysene	21.88	228	305265	18.756	ng/ul	97
87) Di-n-octyl phthalate	22.95	149	257594	18.668	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	334717	18.313	ng/ul	100
89) Benzo(k)fluoranthene	24.19	252	318906	17.606	ng/ul#	99
91) Benzo(a)pyrene	25.03	252	298539	18.112	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.02	276	366070	18.212	ng/ul	98
93) Dibenzo(a,h)anthracene	29.09	278	298268	17.703	ng/ul	94
94) Benzo(g,h,i)perylene	30.23	276	301057	18.243	ng/ul	97

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

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