Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047566.D
Acq On : 4 Dec 2020 10:56
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02073

Manual Integrations APPROVED
mohammad
12/7/2020 8:53:21 AM

Quant Time: Dec 04 12:04:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	40998	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	162480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	125406	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	304571	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	258577	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	277693	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	7017	6.22	ng/uL	0.00
5) Phenol-d5	7.39	99	75244	18.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	42849	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	62661	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	61068	19.33	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	28931	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	34454	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	74993	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	67765	19.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	218445	20.29	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	257520	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	34599	21.06	ng/ul	0.02
58) Fluorene-d10	15.85	176	207721	21.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	36216	20.89	ng/ul	0.01
71) Anthracene-d10	17.70	188	326746m	21.63	ng/ul	0.00
79) Pyrene-d10	19.97	212	337207	22.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	338467	21.18	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	6661	5.724	ng/uL#	51
4) Benzaldehyde	7.38	77	41070	16.911	ng/ul	95
6) Phenol	7.42	94	75879	19.263	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	53607	18.436	ng/ul#	84
10) 2-Chlorophenol	7.82	128	58087	20.873	ng/ul	96
11) 2-Methylphenol	8.68	108	58774	19.206	ng/ul#	78
12) 2,2'-oxybis(1-Chloropropan	8.78	45	49094	16.052	ng/ul	99
14) Acetophenone	9.08	105	99636	20.474	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.06	70	51832	17.654	ng/ul#	92
16) 4-Methylphenol	9.01	108	66027	20.558	ng/ul	95
17) Hexachloroethane	9.35	117	29051	22.214	ng/ul	91
20) Nitrobenzene	9.46	77	92782	21.375	ng/ul	91
21) Isophorone	9.99	82	151353	18.295	ng/ul	99
23) 2-Nitrophenol	10.18	139	37051	23.274	ng/ul	97
24) 2,4-Dimethylphenol	10.23	107	87453	21.641	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.47	93	71032	17.850	ng/ul#	95
27) 2,4-Dichlorophenol	10.72	162	68892	23.143	ng/ul	93
28) Naphthalene	11.13	128	198516	21.571	ng/ul	98
30) 4-Chloroaniline	11.23	127	65420	20.244	ng/ul	100
31) Hexachlorobutadiene	11.41	225	72040	25.723	ng/ul	95
32) Caprolactam	11.99	113	21721m	20.019	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	78286	21.280	ng/ul	90
34) 2-Methylnaphthalene	12.72	142	153943	22.574	ng/ul	99

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35) 1-Methylnaphthalene	12.93	142	170888	21.320	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	113680	23.069	ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	48897	14.260	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.31	196	73007	23.857	ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	75835	23.869	ng/ul	99
41) 1,1'-Biphenyl	13.70	154	204491	21.022	ng/ul	99
42) 2-Chloronaphthalene	13.76	162	167095	21.670	ng/ul	95
43) 2-Nitroaniline	13.94	65	56535	20.158	ng/ul	90
45) Dimethylphthalate	14.31	163	227928	20.756	ng/ul#	97
46) 2,6-Dinitrotoluene	14.43	165	45973	21.862	ng/ul	98
48) Acenaphthylene	14.60	152	242187	20.943	ng/ul	98
49) 3-Nitroaniline	14.76	138	40467	24.644	ng/ul	84
50) Acenaphthene	14.93	153	170178	20.980	ng/ul	96
51) 2,4-Dinitrophenol	14.96	184	23274	20.770	ng/ul#	85
53) 4-Nitrophenol	15.05	109	59434	24.993	ng/ul	99
54) Dibenzofuran	15.27	168	247209	20.750	ng/ul	97
55) 2,4-Dinitrotoluene	15.21	165	68430	22.935	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.48	232	73604	24.190	ng/ul#	92
57) Diethylphthalate	15.66	149	219832	20.406	ng/ul	96
59) Fluorene	15.91	166	210659	20.988	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.89	204	132169	21.922	ng/ul#	88
61) 4-Nitroaniline	15.92	138	44110	22.942	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.97	198	36647	20.200	ng/ul#	87
65) N-Nitrosodiphenylamine	16.10	169	185680	21.358	ng/ul	97
66) 4-Bromophenyl-phenylether	16.79	248	90080	23.282	ng/ul	98
67) Hexachlorobenzene	16.91	284	98379	24.306	ng/ul	93
68) Atrazine	17.04	200	79664	20.819	ng/ul	97
69) Pentachlorophenol	17.25	266	67664	28.581	ng/ul	94
70) Phenanthrene	17.64	178	355553	21.618	ng/ul	99
72) Anthracene	17.74	178	350606	21.167	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.68	216	117156	24.470	ng/uL	99
74) Pentachlorobenzene	15.18	250	115683	25.132	ng/uL	94
75) Carbazole	18.00	167	278981	20.880	ng/ul	98
76) Di-n-butylphthalate	18.54	149	346636	20.367	ng/ul	98
77) Fluoranthene	19.64	202	432324	20.813	ng/ul	99
80) Pyrene	20.00	202	421033	22.987	ng/ul#	97
81) Butylbenzylphthalate	20.86	149	133018	20.678	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.76	252	119159	19.740	ng/ul	90
83) Benzo(a)anthracene	21.86	228	399589	21.719	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.75	149	187212	20.878	ng/ul	97
85) Chrysene	21.93	228	381695	21.801	ng/ul	97
87) Di-n-octyl phthalate	23.02	149	309897	20.149	ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	412242	21.026	ng/ul	98
89) Benzo(k)fluoranthene	24.26	252	401326m	20.771	ng/ul	
91) Benzo(a)pyrene	25.12	252	360300	20.614	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.17	276	466556m	21.945	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	394320	22.621	ng/ul	99
94) Benzo(g,h,i)perylene	30.39	276	376510m	21.462	ng/ul	

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

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