Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047399.D
Acq On : 21 Nov 2020 17:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02038

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:37 AM

Quant Time: Nov 23 05:02:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36474	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	148467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	115909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	279007	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	222958	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	227510	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	5152	5.13	ng/uL	0.00
5) Phenol-d5	7.41	99	66444	18.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	39319	18.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48822	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	53355	18.98	ng/ul	0.01
19) Nitrobenzene-d5	9.44	128	23681	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	28985	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	58981	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	64912	20.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	186317	18.72	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	222874	19.38	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	29251	19.27	ng/ul	0.02
58) Fluorene-d10	15.87	176	172198	18.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	31570	19.88	ng/ul	0.00
71) Anthracene-d10	17.72	188	271733	19.63	ng/ul	0.00
79) Pyrene-d10	19.98	212	273186	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	246753	18.84	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	5235	5.056	ng/uL#	84
4) Benzaldehyde	7.41	77	42050	19.462	ng/ul	98
6) Phenol	7.43	94	66884	19.085	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.69	93	46139	17.836	ng/ul	89
10) 2-Chlorophenol	7.84	128	47838	19.322	ng/ul	96
11) 2-Methylphenol	8.71	108	50369	18.501	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.80	45	50321	18.494	ng/ul#	92
14) Acetophenone	9.10	105	86922	20.077	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.08	70	49904	19.106	ng/ul#	98
16) 4-Methylphenol	9.03	108	55020	19.256	ng/ul	92
17) Hexachloroethane	9.38	117	23081	19.838	ng/ul	96
20) Nitrobenzene	9.49	77	74977	18.903	ng/ul#	97
21) Isophorone	10.01	82	141383	18.703	ng/ul	96
23) 2-Nitrophenol	10.21	139	31638	21.749	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	70518	19.098	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.49	93	68739	18.905	ng/ul	98
27) 2,4-Dichlorophenol	10.74	162	55030	20.231	ng/ul	94
28) Naphthalene	11.16	128	164085	19.513	ng/ul	97
30) 4-Chloroaniline	11.25	127	61496	20.826	ng/ul	100
31) Hexachlorobutadiene	11.44	225	54568	21.324	ng/ul	95
32) Caprolactam	12.00	113	19122m	19.287	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	64377	19.151	ng/ul	94
34) 2-Methylnaphthalene	12.74	142	123101	19.755	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	143147	19.544 ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	87415	19.192 ng/ul	98
38) Hexachlorocyclopentadiene	13.08	237	63106	19.911 ng/ul	95
39) 2,4,6-Trichlorophenol	13.33	196	56491	19.972 ng/ul	88
40) 2,4,5-Trichlorophenol	13.40	196	61999	21.113 ng/ul	92
41) 1,1'-Biphenyl	13.73	154	169989	18.907 ng/ul	94
42) 2-Chloronaphthalene	13.77	162	135138	18.962 ng/ul	98
43) 2-Nitroaniline	13.96	65	51519	19.875 ng/ul	93
45) Dimethylphthalate	14.33	163	189577	18.678 ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	38700	19.911 ng/ul	95
48) Acenaphthylene	14.61	152	200768	18.784 ng/ul	98
49) 3-Nitroaniline	14.77	138	29108	19.179 ng/ul#	96
50) Acenaphthene	14.95	153	141623	18.890 ng/ul	94
51) 2,4-Dinitrophenol	14.98	184	16415	15.849 ng/ul#	77
53) 4-Nitrophenol	15.06	109	41909	19.067 ng/ul	89
54) Dibenzofuran	15.28	168	206940	18.793 ng/ul	100
55) 2,4-Dinitrotoluene	15.23	165	54861	19.894 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.50	232	56605	20.128 ng/ul#	91
57) Diethylphthalate	15.68	149	186645	18.745 ng/ul	98
59) Fluorene	15.93	166	178226	19.212 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.92	204	107036	19.208 ng/ul	98
61) 4-Nitroaniline	15.93	138	33403	18.796 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.99	198	32829	19.754 ng/ul#	87
65) N-Nitrosodiphenylamine	16.12	169	159832	20.069 ng/ul	98
66) 4-Bromophenyl-phenylether	16.80	248	71537	20.183 ng/ul	91
67) Hexachlorobenzene	16.93	284	76681	20.681 ng/ul	96
68) Atrazine	17.06	200	72170	20.589 ng/ul	93
69) Pentachlorophenol	17.27	266	34625	15.966 ng/ul	97
70) Phenanthrene	17.66	178	288515	19.149 ng/ul	97
72) Anthracene	17.76	178	290867	19.169 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	91586	20.882 ng/uL	93
74) Pentachlorobenzene	15.21	250	86870	20.602 ng/uL	94
75) Carbazole	18.01	167	237033	19.365 ng/ul	99
76) Di-n-butylphthalate	18.56	149	298196	19.126 ng/ul	98
77) Fluoranthene	19.65	202	349757	18.381 ng/ul#	98
80) Pyrene	20.01	202	337602	21.376 ng/ul	97
81) Butylbenzylphthalate	20.88	149	109677	19.773 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.78	252	100474	19.304 ng/ul	95
83) Benzo(a)anthracene	21.89	228	298691	18.828 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	148163	19.163 ng/ul	99
85) Chrysene	21.95	228	288798	19.130 ng/ul	98
87) Di-n-octyl phthalate	23.06	149	243598	19.332 ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	304073	18.930 ng/ul	98
89) Benzo(k)fluoranthene	24.30	252	294936	18.632 ng/ul	98
91) Benzo(a)pyrene	25.15	252	273075	19.070 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	329238	18.902 ng/ul#	96
93) Dibenzo(a,h)anthracene	29.30	278	272797	19.102 ng/ul#	95
94) Benzo(g,h,i)perylene	30.44	276	269885	18.778 ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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