Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092820\
Data File : BG046718.D
Acq On : 28 Sep 2020 13:17
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD080055

Manual Integrations APPROVED
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Quant Time: Sep 28 13:52:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	269195	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	184616	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	432360	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	432138	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	440444	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	46203	29.16	ng/uL	0.00
5) Phenol-d5	7.27	99	512778	85.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	308004	74.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	370272	85.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	396669	80.54	ng/ul	0.01
19) Nitrobenzene-d5	9.28	128	176182	89.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	188807	85.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	424853	101.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	487741	100.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	1198939	87.87	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	1388138	85.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	212771	82.34	ng/ul	0.02
58) Fluorene-d10	15.74	176	1102180	92.83	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.84	200	191044	68.77	ng/ul	0.01
71) Anthracene-d10	17.59	188	1598889	81.45	ng/ul	0.00
79) Pyrene-d10	19.87	212	1887609	80.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	2053799	93.55	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	55988	33.077	ng/uL	96
4) Benzaldehyde	7.25	77	328249	96.657	ng/ul	98
6) Phenol	7.30	94	525763	84.281	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.54	93	406494	81.445	ng/ul	95
10) 2-Chlorophenol	7.68	128	379053	85.178	ng/ul	96
11) 2-Methylphenol	8.55	108	396811	84.195	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	635485	53.629	ng/ul	95
14) Acetophenone	8.95	105	633760	81.596	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.94	70	342653	79.107	ng/ul	99
16) 4-Methylphenol	8.89	108	416635	79.956	ng/ul	92
17) Hexachloroethane	9.21	117	167931	82.532	ng/ul	95
20) Nitrobenzene	9.32	77	499886	90.274	ng/ul	95
21) Isophorone	9.86	82	948720	89.170	ng/ul	99
23) 2-Nitrophenol	10.04	139	211208	89.624	ng/ul	95
24) 2,4-Dimethylphenol	10.09	107	476616	91.333	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.33	93	545856	85.264	ng/ul	96
27) 2,4-Dichlorophenol	10.57	162	412533	99.876	ng/ul	96
28) Naphthalene	10.99	128	1248407	87.337	ng/ul	98
30) 4-Chloroaniline	11.08	127	465196	95.821	ng/ul	99
31) Hexachlorobutadiene	11.27	225	337779	125.831	ng/ul	97
32) Caprolactam	11.86	113	140698m	94.228	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	441558	86.659	ng/ul	99
34) 2-Methylnaphthalene	12.58	142	904802	89.613	ng/ul	98

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Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	882270	85.604 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	577965	108.556 ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	400855	120.394 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.18	196	370227	106.987 ng/ul	92
40) 2,4,5-Trichlorophenol	13.25	196	388747	104.549 ng/ul	93
41) 1,1'-Biphenyl	13.58	154	1189463	86.272 ng/ul	94
42) 2-Chloronaphthalene	13.62	162	955784	88.417 ng/ul	97
43) 2-Nitroaniline	13.82	65	295474	72.890 ng/ul	96
45) Dimethylphthalate	14.20	163	1197994	85.443 ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	236059	83.891 ng/ul	96
48) Acenaphthylene	14.47	152	1372351	78.745 ng/ul	97
49) 3-Nitroaniline	14.64	138	216900	86.891 ng/ul	87
50) Acenaphthene	14.81	153	996095	84.998 ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	135932	77.184 ng/ul	92
53) 4-Nitrophenol	14.94	109	213633	96.208 ng/ul	90
54) Dibenzofuran	15.14	168	1409657	86.911 ng/ul	98
55) 2,4-Dinitrotoluene	15.10	165	335406	81.848 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.36	232	372627	114.454 ng/ul#	95
57) Diethylphthalate	15.56	149	1207079	82.729 ng/ul	96
59) Fluorene	15.79	166	1169096	85.592 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.78	204	688076	100.994 ng/ul	99
61) 4-Nitroaniline	15.81	138	236449m	83.072 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.86	198	218716	74.885 ng/ul#	93
65) N-Nitrosodiphenylamine	15.99	169	1037605	82.111 ng/ul	95
66) 4-Bromophenyl-phenylether	16.68	248	470627	106.608 ng/ul	93
67) Hexachlorobenzene	16.79	284	463645	93.671 ng/ul	98
68) Atrazine	16.94	200	449246	93.495 ng/ul	96
69) Pentachlorophenol	17.13	266	312378	104.545 ng/ul#	91
70) Phenanthrene	17.53	178	1913492	80.077 ng/ul	98
72) Anthracene	17.62	178	1889938m	78.227 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	581460	99.430 ng/uL	96
74) Pentachlorobenzene	15.06	250	585977	103.482 ng/uL	94
75) Carbazole	17.89	167	1620480	78.832 ng/ul	96
76) Di-n-butylphthalate	18.45	149	1928142	71.061 ng/ul	98
77) Fluoranthene	19.53	202	2301177	83.787 ng/ul#	96
80) Pyrene	19.90	202	2225263	71.481 ng/ul	96
81) Butylbenzylphthalate	20.78	149	898427	68.818 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.66	252	859433	93.782 ng/ul	96
83) Benzo(a)anthracene	21.75	228	2307451	78.535 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.66	149	1274156	64.702 ng/ul	93
85) Chrysene	21.82	228	2223336	77.765 ng/ul	95
87) Di-n-octyl phthalate	22.91	149	2170807	66.050 ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	2461403	88.663 ng/ul	97
89) Benzo(k)fluoranthene	24.09	252	2334433	85.157 ng/ul	94
91) Benzo(a)pyrene	24.91	252	2224340	90.302 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.81	276	2801354	104.950 ng/ul	98
93) Dibenzo(a,h)anthracene	28.89	278	2288518	102.053 ng/ul	98
94) Benzo(g,h,i)perylene	30.00	276	2324167	108.061 ng/ul	97

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Sample : SSTD08005
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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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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