Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047623.D
Acq On : 7 Dec 2020 18:39
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV99

Manual Integrations APPROVED
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12/9/2020 12:18:40 PM

Quant Time: Dec 08 04:04:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28081	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	110355	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	86781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	222533	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	217664	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	226273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3985	7.56	ng/uL	0.00
5) Phenol-d5	7.35	99	47772	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	24525	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	36539	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	37036	19.41	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	18881	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	20963	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	45820	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	38112	17.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	142642	18.92	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	163569	19.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	20775	18.58	ng/ul	0.00
58) Fluorene-d10	15.82	176	130844	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	28784	19.11	ng/ul	0.00
71) Anthracene-d10	17.67	188	213820	19.26	ng/ul	0.00
79) Pyrene-d10	19.94	212	244108	18.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	250305	18.94	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	4727	8.692	ng/uL#	79
4) Benzaldehyde	7.34	77	19152	15.017	ng/ul#	81
6) Phenol	7.38	94	47028	20.712	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.62	93	31626	20.018	ng/ul	95
10) 2-Chlorophenol	7.77	128	38149	21.260	ng/ul#	85
11) 2-Methylphenol	8.65	108	36874	20.431	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.73	45	32216	21.773	ng/ul#	82
14) Acetophenone	9.04	105	59837	19.883	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.02	70	33513	20.150	ng/ul#	95
16) 4-Methylphenol	8.97	108	39691	20.587	ng/ul	81
17) Hexachloroethane	9.31	117	18352	20.919	ng/ul	96
20) Nitrobenzene	9.43	77	54600	19.176	ng/ul	94
21) Isophorone	9.95	82	95977	19.617	ng/ul	98
23) 2-Nitrophenol	10.15	139	22786	20.544	ng/ul	89
24) 2,4-Dimethylphenol	10.19	107	51111	19.241	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.43	93	42545	18.984	ng/ul	93
27) 2,4-Dichlorophenol	10.68	162	41243	20.708	ng/ul	93
28) Naphthalene	11.09	128	118944	19.328	ng/ul	98
30) 4-Chloroaniline	11.19	127	35678	17.853	ng/ul	99
31) Hexachlorobutadiene	11.38	225	41886	19.259	ng/ul	88
32) Caprolactam	11.93	113	14309m	21.327	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	45015	18.565	ng/ul	99
34) 2-Methylnaphthalene	12.69	142	90769	19.145	ng/ul	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	107512	19.559	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	66536	19.293	ng/ul	97
38) Hexachlorocyclopentadiene	13.03	237	46765	19.421	ng/ul	97
39) 2,4,6-Trichlorophenol	13.28	196	44091	19.579	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.34	196	45378	19.482	ng/ul	88
41) 1,1'-Biphenyl	13.67	154	130618	19.995	ng/ul	92
42) 2-Chloronaphthalene	13.72	162	100013	18.909	ng/ul	94
43) 2-Nitroaniline	13.91	65	36338	19.226	ng/ul	95
45) Dimethylphthalate	14.28	163	143391	18.779	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	29762	18.220	ng/ul	97
48) Acenaphthylene	14.56	152	148945	18.650	ng/ul	96
49) 3-Nitroaniline	14.72	138	18700	16.779	ng/ul#	97
50) Acenaphthene	14.90	153	105377	18.668	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	16914	17.935	ng/ul	95
53) 4-Nitrophenol	15.02	109	36452	19.811	ng/ul	89
54) Dibenzofuran	15.23	168	155312	18.858	ng/ul	93
55) 2,4-Dinitrotoluene	15.18	165	42352	18.375	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.45	232	42523	19.515	ng/ul#	92
57) Diethylphthalate	15.63	149	139255	18.685	ng/ul	96
59) Fluorene	15.88	166	132478	18.813	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.86	204	78024	17.729	ng/ul	97
61) 4-Nitroaniline	15.88	138	21859	17.580	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.95	198	29641	19.516	ng/ul#	79
65) N-Nitrosodiphenylamine	16.08	169	118748	19.359	ng/ul	95
66) 4-Bromophenyl-phenylether	16.76	248	56977	19.854	ng/ul	92
67) Hexachlorobenzene	16.88	284	61162	19.542	ng/ul	95
68) Atrazine	17.01	200	57107	20.094	ng/ul#	88
69) Pentachlorophenol	17.22	266	23470m	17.344	ng/ul	
70) Phenanthrene	17.61	178	226484	18.778	ng/ul	99
72) Anthracene	17.71	178	232571	19.345	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	70166	20.122	ng/uL	97
74) Pentachlorobenzene	15.15	250	68244	19.632	ng/uL	97
75) Carbazole	17.97	167	188780	19.690	ng/ul	93
76) Di-n-butylphthalate	18.51	149	228500	18.656	ng/ul	98
77) Fluoranthene	19.61	202	310715	20.246	ng/ul	99
80) Pyrene	19.97	202	299525	18.921	ng/ul#	97
81) Butylbenzylphthalate	20.83	149	99064	18.808	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.73	252	86866	17.463	ng/ul	98
83) Benzo(a)anthracene	21.83	228	298111	19.170	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.72	149	140471	19.002	ng/ul	96
85) Chrysene	21.90	228	288785	19.676	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	229720	19.264	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	297897	18.860	ng/ul	97
89) Benzo(k)fluoranthene	24.21	252	302796	19.343	ng/ul	99
91) Benzo(a)pyrene	25.05	252	268760	18.868	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.07	276	326693	18.807	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.15	278	277886m	19.086	ng/ul	
94) Benzo(g,h,i)perylene	30.28	276	272790	19.128	ng/ul	91

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

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