Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047535.D
Acq On : 2 Dec 2020 17:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02070

Manual Integrations APPROVED
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12/3/2020 3:35:19 PM

Quant Time: Dec 02 18:08:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	29595	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	124196	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	98266	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	251166	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	238344	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	251612	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	4335	5.32	ng/uL	-0.01
5) Phenol-d5	7.39	99	52819	17.80	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	27367	16.17	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	37757	18.97	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	40296	17.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	18333	17.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	23517	21.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	47899	18.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.21	131	52459	20.24	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	154916	18.36	ng/ul	-0.01
47) Acenaphthylene-d8	14.57	160	177027	18.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	22616	17.57	ng/ul	0.00
58) Fluorene-d10	15.86	176	145809	18.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	29257	20.46	ng/ul	0.00
71) Anthracene-d10	17.71	188	228748m	18.36	ng/ul	0.00
79) Pyrene-d10	19.97	212	261843	18.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	274125	18.93	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	4621	5.501	ng/uL#	62
4) Benzaldehyde	7.39	77	33907	19.341	ng/ul	86
6) Phenol	7.42	94	49695	17.477	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.67	93	34092	16.242	ng/ul	97
10) 2-Chlorophenol	7.82	128	36743	18.290	ng/ul	94
11) 2-Methylphenol	8.69	108	42317	19.157	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.79	45	35565	16.109	ng/ul	96
14) Acetophenone	9.09	105	66505	18.932	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.06	70	36914	17.418	ng/ul	88
16) 4-Methylphenol	9.02	108	42661	18.401	ng/ul	92
17) Hexachloroethane	9.36	117	17438	18.472	ng/ul	94
20) Nitrobenzene	9.47	77	59274	17.865	ng/ul	96
21) Isophorone	10.00	82	105045	16.611	ng/ul#	93
23) 2-Nitrophenol	10.19	139	20727	17.033	ng/ul#	61
24) 2,4-Dimethylphenol	10.23	107	53812	17.421	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	49470	16.264	ng/ul#	90
27) 2,4-Dichlorophenol	10.73	162	45072	19.808	ng/ul	89
28) Naphthalene	11.14	128	127237	18.088	ng/ul	97
30) 4-Chloroaniline	11.24	127	48033	19.446	ng/ul	96
31) Hexachlorobutadiene	11.43	225	43647	20.389	ng/ul	99
32) Caprolactam	11.97	113	14372m	17.329	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	52702	18.742	ng/ul	97
34) 2-Methylnaphthalene	12.72	142	99289	19.047	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	119237	19.461 ng/uL	94
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	75068	19.440 ng/ul	97
38) Hexachlorocyclopentadiene	13.07	237	45627	16.981 ng/ul	91
39) 2,4,6-Trichlorophenol	13.32	196	45508	18.978 ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	50613	20.330 ng/ul	99
41) 1,1'-Biphenyl	13.72	154	138511	18.172 ng/ul	97
42) 2-Chloronaphthalene	13.76	162	112702	18.653 ng/ul	97
43) 2-Nitroaniline	13.95	65	39746	18.086 ng/ul	93
45) Dimethylphthalate	14.32	163	153833	17.878 ng/ul	100
46) 2,6-Dinitrotoluene	14.43	165	35690	21.659 ng/ul	94
48) Acenaphthylene	14.60	152	164512	18.155 ng/ul	98
49) 3-Nitroaniline	14.77	138	25571	19.873 ng/ul	99
50) Acenaphthene	14.94	153	115658	18.197 ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	16230	18.484 ng/ul#	84
53) 4-Nitrophenol	15.05	109	39557	21.229 ng/ul#	87
54) Dibenzofuran	15.27	168	171284	18.348 ng/ul	91
55) 2,4-Dinitrotoluene	15.22	165	47285	20.225 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.49	232	46874	19.660 ng/ul#	99
57) Diethylphthalate	15.67	149	149082	17.660 ng/ul	98
59) Fluorene	15.92	166	145955	18.558 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.90	204	89812	19.011 ng/ul	93
61) 4-Nitroaniline	15.92	138	28762	19.091 ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.98	198	28420	18.996 ng/ul#	98
65) N-Nitrosodiphenylamine	16.11	169	130733	18.235 ng/ul	92
66) 4-Bromophenyl-phenylether	16.80	248	64191	20.118 ng/ul	93
67) Hexachlorobenzene	16.92	284	68407	20.495 ng/ul	95
68) Atrazine	17.05	200	59493	18.853 ng/ul	92
69) Pentachlorophenol	17.25	266	32208	16.497 ng/ul	92
70) Phenanthrene	17.65	178	251628	18.552 ng/ul	98
72) Anthracene	17.74	178	255624	18.714 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	75505	19.124 ng/uL	96
74) Pentachlorobenzene	15.19	250	74771	19.698 ng/uL	95
75) Carbazole	18.01	167	207996	18.877 ng/ul	96
76) Di-n-butylphthalate	18.55	149	249527	17.779 ng/ul#	98
77) Fluoranthene	19.65	202	329167	19.216 ng/ul#	97
80) Pyrene	20.00	202	322605	19.108 ng/ul#	98
81) Butylbenzylphthalate	20.87	149	105536	17.798 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.77	252	101157	18.180 ng/ul	93
83) Benzo(a)anthracene	21.87	228	314197	18.527 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.75	149	148329	17.946 ng/ul#	99
85) Chrysene	21.94	228	296098	18.348 ng/ul	97
87) Di-n-octyl phthalate	23.03	149	249192	17.882 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	334014	18.802 ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	322591	18.426 ng/ul	98
91) Benzo(a)pyrene	25.13	252	296504	18.723 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.20	276	358627m	18.617 ng/ul	
93) Dibenzo(a,h)anthracene	29.26	278	301706	19.102 ng/ul	95
94) Benzo(g,h,i)perylene	30.41	276	307389	19.338 ng/ul	99

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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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