Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047349.D
Acq On : 19 Nov 2020 11:01
Operator : CG/JU
Sample : SSTD01025
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01025

Manual Integrations APPROVED
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11/23/2020 1:28:22 PM

Quant Time: Nov 19 13:14:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37563	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	154664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	115183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	291155	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	297698	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	300531	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	4746	5.10	ng/uL	0.00
5) Phenol-d5	7.40	99	38112	11.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	24169	12.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	25619	10.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	29922	11.50	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	12606m	9.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	14456	9.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	30908	10.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	30873	12.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	100329	10.59	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	117539	10.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14541	9.75	ng/ul	0.00
58) Fluorene-d10	15.87	176	92209	10.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	14587	7.26	ng/ul	0.00
71) Anthracene-d10	17.71	188	150701	10.68	ng/ul	0.00
79) Pyrene-d10	19.98	212	175844	10.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	178402	10.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	4532m	4.539	ng/uL	
4) Benzaldehyde	7.40	77	25105	11.607	ng/ul	91
6) Phenol	7.43	94	36385	11.436	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.68	93	28237	11.326	ng/ul#	82
10) 2-Chlorophenol	7.83	128	27002	10.724	ng/ul	94
11) 2-Methylphenol	8.70	108	28517	11.687	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.81	45	28492m	7.692	ng/ul	
14) Acetophenone	9.10	105	45936	11.561	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	27718	12.892	ng/ul#	92
16) 4-Methylphenol	9.02	108	29394	11.470	ng/ul	97
17) Hexachloroethane	9.37	117	12511	10.772	ng/ul#	84
20) Nitrobenzene	9.48	77	41991	11.996	ng/ul	96
21) Isophorone	10.01	82	75742	12.015	ng/ul	97
23) 2-Nitrophenol	10.19	139	14297	9.206	ng/ul#	86
24) 2,4-Dimethylphenol	10.24	107	38458	12.181	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.48	93	38638	10.861	ng/ul#	95
27) 2,4-Dichlorophenol	10.73	162	27486	9.862	ng/ul	96
28) Naphthalene	11.16	128	87889	10.115	ng/ul	96
30) 4-Chloroaniline	11.24	127	30418	12.691	ng/ul#	89
31) Hexachlorobutadiene	11.44	225	26481	10.830	ng/ul#	87
32) Caprolactam	11.99	113	9993	10.525	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.33	107	35449	12.372	ng/ul	97
34) 2-Methylnaphthalene	12.74	142	64028	10.329	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	74231	10.219 ng/uL#	97
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	47678	10.627 ng/ul	93
38) Hexachlorocyclopentadiene	13.08	237	30042	10.680 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.32	196	27508	10.055 ng/ul	92
40) 2,4,5-Trichlorophenol	13.38	196	28689	10.234 ng/ul	91
41) 1,1'-Biphenyl	13.73	154	94718	10.423 ng/ul	99
42) 2-Chloronaphthalene	13.77	162	74493	10.163 ng/ul	98
43) 2-Nitroaniline	13.95	65	24571	11.149 ng/ul#	84
45) Dimethylphthalate	14.32	163	105059	11.054 ng/ul	97
46) 2,6-Dinitrotoluene	14.44	165	18652	9.067 ng/ul	96
48) Acenaphthylene	14.61	152	109769	10.472 ng/ul	98
49) 3-Nitroaniline	14.77	138	14455	10.756 ng/ul#	86
50) Acenaphthene	14.95	153	73975	9.754 ng/ul	97
51) 2,4-Dinitrophenol	14.97	184	6853	6.444 ng/ul#	70
53) 4-Nitrophenol	15.05	109	21166	13.884 ng/ul#	80
54) Dibenzofuran	15.28	168	112969	10.236 ng/ul	100
55) 2,4-Dinitrotoluene	15.22	165	26191	9.269 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.49	232	27989	9.509 ng/ul#	93
57) Diethylphthalate	15.68	149	99798	10.477 ng/ul	97
59) Fluorene	15.92	166	94965	10.483 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.91	204	55489	10.676 ng/ul	96
61) 4-Nitroaniline	15.92	138	18307	11.757 ng/ul#	88
64) 4,6-Dinitro-2-methylphenol	15.98	198	14604	7.055 ng/ul#	95
65) N-Nitrosodiphenylamine	16.12	169	86444	10.273 ng/ul	94
66) 4-Bromophenyl-phenylether	16.80	248	36922	9.560 ng/ul	92
67) Hexachlorobenzene	16.92	284	38879	9.511 ng/ul#	84
68) Atrazine	17.05	200	40025	11.021 ng/ul	92
69) Pentachlorophenol	17.26	266	19753	8.473 ng/ul#	86
70) Phenanthrene	17.66	178	160818	9.848 ng/ul	96
72) Anthracene	17.75	178	166596	10.152 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	47435	9.698 ng/uL	94
74) Pentachlorobenzene	15.19	250	44963	9.589 ng/uL	99
75) Carbazole	18.01	167	138528	10.989 ng/ul	97
76) Di-n-butylphthalate	18.56	149	167091	9.935 ng/ul	97
77) Fluoranthene	19.65	202	219665	11.176 ng/ul	98
80) Pyrene	20.01	202	212080	10.410 ng/ul	99
81) Butylbenzylphthalate	20.88	149	72480	9.686 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.77	252	68135	12.508 ng/ul	93
83) Benzo(a)anthracene	21.87	228	218679	10.843 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	104289	10.047 ng/ul	99
85) Chrysene	21.94	228	208468	10.744 ng/ul	98
87) Di-n-octyl phthalate	23.06	149	176839	10.511 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	220782	11.059 ng/ul	98
89) Benzo(k)fluoranthene	24.28	252	222398	11.497 ng/ul	95
91) Benzo(a)pyrene	25.13	252	197376	10.979 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.20	276	236966m	10.607 ng/ul	
93) Dibenzo(a,h)anthracene	29.25	278	195381m	10.781 ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	192054m	10.286 ng/ul	

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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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