Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047323.D
Acq On : 13 Nov 2020 11:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02099

Quant Time: Nov 13 11:58:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	228611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	162874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	386326	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	376949	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	383378	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	8539	6.10	ng/uL	0.00
5) Phenol-d5	7.16	99	88165	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	49816	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	69343	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	71712	18.33	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	34048	17.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	39416	17.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	76495	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	78887	21.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	232554	17.37	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	273198	17.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	34018	16.14	ng/ul	0.01
58) Fluorene-d10	15.64	176	210903	16.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	46730	17.54	ng/ul	0.00
71) Anthracene-d10	17.49	188	325618	17.39	ng/ul	0.00
79) Pyrene-d10	19.77	212	394686	18.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	370067	17.56	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	9480	6.314	ng/uL#	88
4) Benzaldehyde	7.14	77	53048	16.310	ng/ul	92
6) Phenol	7.19	94	85795	17.932	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.42	93	66225	17.664	ng/ul	99
10) 2-Chlorophenol	7.57	128	67546	17.840	ng/ul	95
11) 2-Methylphenol	8.45	108	66434	18.106	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.53	45	101390	18.201	ng/ul#	94
14) Acetophenone	8.83	105	109634	18.348	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.81	70	56792	17.566	ng/ul	90
16) 4-Methylphenol	8.78	108	72440	18.797	ng/ul	97
17) Hexachloroethane	9.09	117	30719	17.588	ng/ul	97
20) Nitrobenzene	9.21	77	88571	17.119	ng/ul	98
21) Isophorone	9.73	82	161672	17.350	ng/ul	98
23) 2-Nitrophenol	9.92	139	40660	17.712	ng/ul#	91
24) 2,4-Dimethylphenol	9.98	107	83223	17.834	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.22	93	89866	17.090	ng/ul	97
27) 2,4-Dichlorophenol	10.47	162	74030	17.971	ng/ul	96
28) Naphthalene	10.86	128	221795	17.270	ng/ul	98
30) 4-Chloroaniline	10.98	127	77678	21.927	ng/ul	95
31) Hexachlorobutadiene	11.15	225	62443	17.277	ng/ul	100
32) Caprolactam	11.72	113	23297	16.600	ng/ul	88
33) 4-Chloro-3-methylphenol	12.10	107	77557	18.312	ng/ul	95
34) 2-Methylnaphthalene	12.47	142	161289	17.602	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	188784	17.583 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	110118	17.358 ng/ul	99
38) Hexachlorocyclopentadiene	12.82	237	52607	13.225 ng/ul	98
39) 2,4,6-Trichlorophenol	13.08	196	68504	17.709 ng/ul	98
40) 2,4,5-Trichlorophenol	13.16	196	67956	17.143 ng/ul	98
41) 1,1'-Biphenyl	13.48	154	220570	17.165 ng/ul	96
42) 2-Chloronaphthalene	13.52	162	176165	16.997 ng/ul	96
43) 2-Nitroaniline	13.72	65	56489	18.127 ng/ul	93
45) Dimethylphthalate	14.09	163	233194	17.351 ng/ul	97
46) 2,6-Dinitrotoluene	14.21	165	51000	17.532 ng/ul	93
48) Acenaphthylene	14.37	152	257198	17.352 ng/ul	98
49) 3-Nitroaniline	14.55	138	36322	19.113 ng/ul	82
50) Acenaphthene	14.71	153	186450	17.386 ng/ul	100
51) 2,4-Dinitrophenol	14.75	184	24644	16.387 ng/ul#	74
53) 4-Nitrophenol	14.85	109	36210	16.798 ng/ul	99
54) Dibenzofuran	15.04	168	271368	17.389 ng/ul	97
55) 2,4-Dinitrotoluene	15.00	165	71716	17.948 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.27	232	70566	16.954 ng/ul#	95
57) Diethylphthalate	15.45	149	235960	17.518 ng/ul	97
59) Fluorene	15.69	166	224409	17.519 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	124569	16.949 ng/ul	98
61) 4-Nitroaniline	15.71	138	39115	17.765 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.77	198	48052	17.495 ng/ul#	93
65) N-Nitrosodiphenylamine	15.89	169	193678	17.346 ng/ul	99
66) 4-Bromophenyl-phenylether	16.58	248	89011	17.370 ng/ul	96
67) Hexachlorobenzene	16.70	284	96665	17.822 ng/ul	98
68) Atrazine	16.84	200	86631	17.978 ng/ul	96
69) Pentachlorophenol	17.04	266	46096	14.902 ng/ul	93
70) Phenanthrene	17.43	178	378786	17.482 ng/ul	100
72) Anthracene	17.52	178	383337	17.604 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	112826	17.385 ng/uL	99
74) Pentachlorobenzene	14.97	250	109093	17.533 ng/uL	98
75) Carbazole	17.79	167	311489	18.622 ng/ul	99
76) Di-n-butylphthalate	18.34	149	392509	17.589 ng/ul	99
77) Fluoranthene	19.44	202	484605	18.582 ng/ul	99
80) Pyrene	19.80	202	470598	18.243 ng/ul	99
81) Butylbenzylphthalate	20.68	149	168699	17.804 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.55	252	139073	20.162 ng/ul	99
83) Benzo(a)anthracene	21.63	228	447947	17.542 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	232385	17.680 ng/ul	98
85) Chrysene	21.70	228	437825	17.821 ng/ul	99
87) Di-n-octyl phthalate	22.73	149	393769	18.348 ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	441674	17.343 ng/ul	98
89) Benzo(k)fluoranthene	23.90	252	440992	17.870 ng/ul	98
91) Benzo(a)pyrene	24.70	252	404420	17.635 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.49	276	482010	16.913 ng/ul	99
93) Dibenzo(a,h)anthracene	28.56	278	403244	17.443 ng/ul	97
94) Benzo(g,h,i)perylene	29.64	276	406653	17.072 ng/ul	99

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

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