Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110920\
Data File : BG047262.D
Acq On : 9 Nov 2020 19:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02002

Quant Time: Nov 10 01:11:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 09 12:15:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	229656	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	155669	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	379605	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	407977	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	425585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	10589	7.48	ng/uL	0.00
5) Phenol-d5	7.16	99	87950	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	51610	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	69183	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	70693	17.87	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	33437	17.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	38016	16.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	78627	17.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	80079	21.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	224257	17.52	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	267077	17.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	37357	18.54	ng/ul	0.00
58) Fluorene-d10	15.63	176	208298	17.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	44106	16.85	ng/ul	0.00
71) Anthracene-d10	17.49	188	318889	17.33	ng/ul	0.00
79) Pyrene-d10	19.77	212	405317	17.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	417903	17.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	11642	7.667	ng/uL#	77
4) Benzaldehyde	7.14	77	53780	16.350	ng/ul	99
6) Phenol	7.19	94	89272	18.451	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.42	93	68321	18.020	ng/ul	97
10) 2-Chlorophenol	7.57	128	66035	17.246	ng/ul#	94
11) 2-Methylphenol	8.44	108	66093	17.811	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	103046	18.291	ng/ul#	95
14) Acetophenone	8.83	105	108221	17.909	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.81	70	57487	17.582	ng/ul	100
16) 4-Methylphenol	8.77	108	67621	17.350	ng/ul#	78
17) Hexachloroethane	9.10	117	31225	17.678	ng/ul	97
20) Nitrobenzene	9.21	77	91001	17.508	ng/ul	97
21) Isophorone	9.73	82	158460	16.928	ng/ul	99
23) 2-Nitrophenol	9.92	139	40322	17.485	ng/ul	98
24) 2,4-Dimethylphenol	9.98	107	82000	17.492	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.21	93	89876	17.015	ng/ul	99
27) 2,4-Dichlorophenol	10.46	162	73265	17.704	ng/ul	94
28) Naphthalene	10.86	128	219418	17.007	ng/ul	97
30) 4-Chloroaniline	10.97	127	71214	20.010	ng/ul	100
31) Hexachlorobutadiene	11.15	225	64665	17.810	ng/ul	95
32) Caprolactam	11.72	113	23132	16.407	ng/ul	95
33) 4-Chloro-3-methylphenol	12.09	107	73385	17.248	ng/ul	95
34) 2-Methylnaphthalene	12.47	142	159859	17.367	ng/ul	99

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35) 1-Methylnaphthalene	12.69	142	189020	17.525	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	108737	17.934	ng/ul	94
38) Hexachlorocyclopentadiene	12.82	237	61762	16.246	ng/ul	100
39) 2,4,6-Trichlorophenol	13.07	196	65692	17.768	ng/ul	91
40) 2,4,5-Trichlorophenol	13.14	196	67134	17.719	ng/ul	94
41) 1,1'-Biphenyl	13.47	154	219213	17.849	ng/ul	96
42) 2-Chloronaphthalene	13.52	162	175488	17.716	ng/ul	97
43) 2-Nitroaniline	13.72	65	52210	17.529	ng/ul	94
45) Dimethylphthalate	14.08	163	224381	17.468	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	47695	17.155	ng/ul	95
48) Acenaphthylene	14.36	152	254039	17.932	ng/ul	96
49) 3-Nitroaniline	14.54	138	34825	19.173	ng/ul	98
50) Acenaphthene	14.70	153	182183	17.775	ng/ul	99
51) 2,4-Dinitrophenol	14.75	184	23515	16.360	ng/ul	87
53) 4-Nitrophenol	14.84	109	36273	17.606	ng/ul	87
54) Dibenzofuran	15.04	168	265503	17.800	ng/ul	98
55) 2,4-Dinitrotoluene	15.00	165	68957	18.056	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.26	232	66670	16.760	ng/ul#	93
57) Diethylphthalate	15.45	149	226358	17.583	ng/ul	98
59) Fluorene	15.69	166	217423	17.759	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.68	204	124254	17.688	ng/ul	97
61) 4-Nitroaniline	15.70	138	38923	18.496	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	45955	17.028	ng/ul	97
65) N-Nitrosodiphenylamine	15.89	169	192517	17.547	ng/ul	100
66) 4-Bromophenyl-phenylether	16.57	248	87011	17.280	ng/ul	97
67) Hexachlorobenzene	16.69	284	93111	17.471	ng/ul	98
68) Atrazine	16.83	200	84534	17.854	ng/ul	98
69) Pentachlorophenol	17.03	266	47652	15.678	ng/ul	96
70) Phenanthrene	17.43	178	365544	17.169	ng/ul	99
72) Anthracene	17.52	178	368101	17.204	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	112546	17.649	ng/uL	98
74) Pentachlorobenzene	14.96	250	106929	17.490	ng/uL	96
75) Carbazole	17.79	167	306378	18.641	ng/ul	97
76) Di-n-butylphthalate	18.34	149	388389	17.713	ng/ul	99
77) Fluoranthene	19.44	202	486518	18.986	ng/ul	100
80) Pyrene	19.80	202	483677	17.324	ng/ul	99
81) Butylbenzylphthalate	20.68	149	180845	17.635	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	149168	19.981	ng/ul	99
83) Benzo(a)anthracene	21.63	228	494023	17.875	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	256713	18.046	ng/ul	100
85) Chrysene	21.69	228	476654	17.926	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	436595	18.326	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	499033	17.652	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	488260	17.824	ng/ul	100
91) Benzo(a)pyrene	24.68	252	445830	17.513	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.46	276	540362	17.080	ng/ul	100
93) Dibenzo(a,h)anthracene	28.53	278	446353	17.393	ng/ul	99
94) Benzo(g,h,i)perylene	29.60	276	452740	17.122	ng/ul	97

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

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