Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047672.D
Acq On : 9 Dec 2020 13:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02038

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Quant Time: Dec 09 14:34:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	26740	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	102928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	79372	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	202883	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	202500	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	212732	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	4214	8.39	ng/uL	0.00
5) Phenol-d5	7.35	99	44419	19.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	22729	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	33352	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	33519	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	15191	18.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	18068	17.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.65	165	39768	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	37206	18.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	123065	17.85	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	146313	18.58	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	18119	17.72	ng/ul	0.00
58) Fluorene-d10	15.82	176	121539	19.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	23962	17.45	ng/ul	0.00
71) Anthracene-d10	17.67	188	194388	19.21	ng/ul	0.00
79) Pyrene-d10	19.94	212	224955	18.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	236137	19.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4044	7.809	ng/uL#	62
4) Benzaldehyde	7.34	77	20354	16.760	ng/ul	92
6) Phenol	7.38	94	40495	18.729	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.62	93	28813	19.153	ng/ul	94
10) 2-Chlorophenol	7.77	128	32230	18.862	ng/ul#	84
11) 2-Methylphenol	8.64	108	32554	18.942	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.74	45	26840	19.049	ng/ul#	81
14) Acetophenone	9.04	105	55834	19.483	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.01	70	29339	18.525	ng/ul	97
16) 4-Methylphenol	8.98	108	35989m	19.603	ng/ul	
17) Hexachloroethane	9.31	117	16437	19.676	ng/ul	97
20) Nitrobenzene	9.43	77	48625	18.310	ng/ul#	94
21) Isophorone	9.95	82	82415	18.060	ng/ul	97
23) 2-Nitrophenol	10.14	139	19674	19.018	ng/ul	91
24) 2,4-Dimethylphenol	10.19	107	45032	18.175	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	39209	18.758	ng/ul	95
27) 2,4-Dichlorophenol	10.68	162	36576	19.690	ng/ul	93
28) Naphthalene	11.09	128	106591	18.571	ng/ul#	95
30) 4-Chloroaniline	11.19	127	35428	19.007	ng/ul	92
31) Hexachlorobutadiene	11.38	225	38545	19.002	ng/ul#	87
32) Caprolactam	11.93	113	10587m	16.918	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	40606	17.955	ng/ul	93
34) 2-Methylnaphthalene	12.68	142	82905	18.748	ng/ul	92

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35) 1-Methylnaphthalene	12.90	142	96907	18.902	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	63734	20.206	ng/ul	97
38) Hexachlorocyclopentadiene	13.02	237	34141	15.502	ng/ul	88
39) 2,4,6-Trichlorophenol	13.27	196	37560	18.236	ng/ul	95
40) 2,4,5-Trichlorophenol	13.34	196	39776	18.671	ng/ul#	92
41) 1,1'-Biphenyl	13.67	154	111659	18.688	ng/ul	97
42) 2-Chloronaphthalene	13.72	162	90802	18.770	ng/ul	95
43) 2-Nitroaniline	13.91	65	32609	18.863	ng/ul#	86
45) Dimethylphthalate	14.27	163	124167	17.779	ng/ul	97
46) 2,6-Dinitrotoluene	14.40	165	25734	17.225	ng/ul	96
48) Acenaphthylene	14.56	152	135109	18.497	ng/ul	96
49) 3-Nitroaniline	14.73	138	19194	18.830	ng/ul#	93
50) Acenaphthene	14.90	153	94716	18.346	ng/ul	94
51) 2,4-Dinitrophenol	14.93	184	13809	16.010	ng/ul	86
53) 4-Nitrophenol	15.02	109	31783	18.886	ng/ul	85
54) Dibenzofuran	15.23	168	139052	18.460	ng/ul	91
55) 2,4-Dinitrotoluene	15.18	165	37730	17.898	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.45	232	38747	19.442	ng/ul#	95
57) Diethylphthalate	15.63	149	123975	18.187	ng/ul	99
59) Fluorene	15.88	166	121768	18.906	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.86	204	74002	18.384	ng/ul	95
61) 4-Nitroaniline	15.88	138	19154	16.842	ng/ul#	72
64) 4,6-Dinitro-2-methylphenol	15.94	198	25344	18.303	ng/ul#	79
65) N-Nitrosodiphenylamine	16.07	169	107755	19.268	ng/ul	92
66) 4-Bromophenyl-phenylether	16.76	248	50156	19.170	ng/ul	95
67) Hexachlorobenzene	16.88	284	55235	19.357	ng/ul	98
68) Atrazine	17.01	200	49822	19.229	ng/ul	99
69) Pentachlorophenol	17.22	266	28571	23.158	ng/ul	98
70) Phenanthrene	17.61	178	211395	19.224	ng/ul	97
72) Anthracene	17.71	178	208931	19.061	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	63443	19.956	ng/uL	98
74) Pentachlorobenzene	15.15	250	62267	19.648	ng/uL	88
75) Carbazole	17.97	167	171076	19.571	ng/ul	97
76) Di-n-butylphthalate	18.51	149	206212	18.467	ng/ul	98
77) Fluoranthene	19.61	202	283322	20.249	ng/ul	99
80) Pyrene	19.97	202	273872	18.596	ng/ul	99
81) Butylbenzylphthalate	20.83	149	92215	18.818	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.73	252	83128	17.963	ng/ul	96
83) Benzo(a)anthracene	21.83	228	273964	18.937	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.71	149	127944	18.604	ng/ul	98
85) Chrysene	21.90	228	256565	18.790	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	212532	18.957	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	280133	18.864	ng/ul	97
89) Benzo(k)fluoranthene	24.21	252	272232	18.498	ng/ul	96
91) Benzo(a)pyrene	25.05	252	247169	18.457	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.07	276	307475	18.828	ng/ul	98
93) Dibenzo(a,h)anthracene	29.13	278	239800	17.518	ng/ul	97
94) Benzo(g,h,i)perylene	30.27	276	249295m	18.593	ng/ul	

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

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