Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081619\
Data File : BG042254.D
Acq On : 16 Aug 2019 11:26
Operator : HP/JU
Sample : SSTD00576
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00576

Quant Time: Aug 16 13:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 16 13:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	47012	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	189114	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	141795	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	329696	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	375812	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	427006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	2029	1.61	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.55	132	14128	4.47	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.18	128	7003	6.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	7053	6.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	16785m	5.40	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	55337	4.67	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	63836	4.47	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.67	176	49669	4.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.53	188	83191	5.41	ng/ul	0.00
79) Pyrene-d10	19.81	212	103815	5.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	114354	4.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	1880	1.412	ng/uL#	83
10) 2-Chlorophenol	7.57	128	14878	4.710	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.82	70	10199	3.307	ng/ul	96
17) Hexachloroethane	9.11	117	6194	4.922	ng/ul	95
20) Nitrobenzene	9.23	77	14743	4.504	ng/ul	95
21) Isophorone	9.75	82	27591	3.472	ng/ul	95
23) 2-Nitrophenol	9.94	139	8136	6.622	ng/ul	93
24) 2,4-Dimethylphenol	10.01	107	15645	4.169	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.24	93	18240	4.246	ng/ul#	97
27) 2,4-Dichlorophenol	10.49	162	15509m	5.269	ng/ul	
28) Naphthalene	10.89	128	49115	5.068	ng/ul	99
31) Hexachlorobutadiene	11.18	225	12954	6.165	ng/ul	96
33) 4-Chloro-3-methylphenol	12.13	107	13812	3.994	ng/ul	98
34) 2-Methylnaphthalene	12.50	142	39002	5.392	ng/ul	98
35) 1-Methylnaphthalene	12.72	142	37288	5.285	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	24845	5.144	ng/ul	98
39) 2,4,6-Trichlorophenol	13.12	196	14078	4.719	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	16966m	5.487	ng/ul	
41) 1,1'-Biphenyl	13.51	154	52499	4.731	ng/ul	100
42) 2-Chloronaphthalene	13.55	162	42372	4.977	ng/ul	96
43) 2-Nitroaniline	13.75	65	8301	3.726	ng/ul	97
45) Dimethylphthalate	14.12	163	56500	4.966	ng/ul	98
46) 2,6-Dinitrotoluene	14.24	165	11725	7.375	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Acenaphthylene	14.40	152	65668	4.873 ng/ul	100
50) Acenaphthene	14.74	153	45378	4.703 ng/ul	99
54) Dibenzofuran	15.08	168	67795	5.077 ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	16225	7.379 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	14973	5.171 ng/ul#	97
57) Diethylphthalate	15.48	149	54868	4.752 ng/ul	99
59) Fluorene	15.72	166	55864	5.189 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.72	204	31830	5.426 ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	50821	5.502 ng/ul	96
66) 4-Bromophenyl-phenylether	16.61	248	21498	5.895 ng/ul	99
67) Hexachlorobenzene	16.74	284	23520	6.462 ng/ul	96
70) Phenanthrene	17.47	178	96697	5.644 ng/ul	98
72) Anthracene	17.56	178	98789	5.730 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	25283	5.019 ng/uL	93
74) Pentachlorobenzene	15.00	250	27744	6.326 ng/uL	99
76) Di-n-butylphthalate	18.39	149	96360	5.089 ng/ul	98
80) Pyrene	19.84	202	131321	5.767 ng/ul	99
81) Butylbenzylphthalate	20.73	149	48305	5.211 ng/ul	97
83) Benzo(a)anthracene	21.69	228	136717	5.757 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	68755	5.203 ng/ul	97
85) Chrysene	21.76	228	130097	5.973 ng/ul	98
88) Benzo(b)fluoranthene	23.93	252	136093	5.382 ng/ul	97
89) Benzo(k)fluoranthene	24.00	252	134570	5.520 ng/ul	99
91) Benzo(a)pyrene	24.81	252	131632	5.502 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	149901	5.262 ng/ul	97
93) Dibenzo(a,h)anthracene	28.75	278	123945	5.365 ng/ul	95
94) Benzo(g,h,i)perylene	29.85	276	127835	5.441 ng/ul	98

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

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