Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020423.D
Acq On : 20 May 2019 09:52
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: May 20 11:53:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	97151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	365467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	211163	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	486342	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	500490	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	564472	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15842	6.02	ng/uL	0.00
5) Phenol-d5	6.90	99	143857	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	90866	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	111955	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	103994	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	49234	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	53891	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	112176	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	115812	20.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	290419	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	373128	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	39868	18.07	ng/ul	0.01
57) Fluorene-d10	15.38	176	258215	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	38957	14.06	ng/ul	0.02
70) Anthracene-d10	17.24	188	407367	19.53	ng/ul	0.00
78) Pyrene-d10	19.54	212	473377	19.64	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	483705	18.86	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	17503	6.372	ng/uL	97
4) Benzaldehyde	6.89	77	118145	17.795	ng/ul	97
6) Phenol	6.93	94	150250	18.429	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	114568	18.594	ng/ul	98
10) 2-Chlorophenol	7.30	128	113338	19.538	ng/ul	99
11) 2-Methylphenol	8.17	108	102659	18.527	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	82088	19.592	ng/ul	96
14) Acetophenone	8.56	105	172603	17.912	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	102657	18.668	ng/ul	98
16) 4-Methylphenol	8.50	108	112772	18.787	ng/ul	95
17) Hexachloroethane	8.80	117	52161	19.041	ng/ul	98
20) Nitrobenzene	8.95	77	148678	19.198	ng/ul	95
21) Isophorone	9.46	82	261975	19.550	ng/ul	99
23) 2-Nitrophenol	9.65	139	57598	20.305	ng/ul	91
24) 2,4-Dimethylphenol	9.70	107	125088	19.229	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	142445	19.651	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	106825	19.799	ng/ul	100
28) Naphthalene	10.57	128	327018	19.476	ng/ul	99
30) 4-Chloroaniline	10.70	127	118573	20.242	ng/ul	96
31) Hexachlorobutadiene	10.84	225	90097	19.186	ng/ul	96
32) Caprolactam	11.50	113	27586	17.916	ng/ul	90
33) 4-Chloro-3-methylphenol	11.82	107	105989	19.437	ng/ul	97
34) 2-Methylnaphthalene	12.19	142	227238	18.691	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	154939	20.353 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	87025	19.105 ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	90837	20.421 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	90671	20.631 ng/ul	97
40) 1,1'-Biphenyl	13.22	154	300085	19.851 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	239778	19.922 ng/ul	99
42) 2-Nitroaniline	13.48	65	64052	20.778 ng/ul	97
44) Dimethylphthalate	13.85	163	288466	19.194 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	54792	20.884 ng/ul	91
47) Acenaphthylene	14.11	152	352437	19.667 ng/ul	99
48) 3-Nitroaniline	14.32	138	45578	20.677 ng/ul	97
49) Acenaphthene	14.45	153	237325	19.264 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	31595	19.442 ng/ul	98
52) 4-Nitrophenol	14.62	109	38707	16.785 ng/ul	96
53) Dibenzofuran	14.79	168	359751	19.283 ng/ul	96
54) 2,4-Dinitrotoluene	14.77	165	80673	20.095 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	84798	19.172 ng/ul#	96
56) Diethylphthalate	15.21	149	275754	18.970 ng/ul	98
58) Fluorene	15.44	166	280924	18.796 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	165787	18.906 ng/ul	97
60) 4-Nitroaniline	15.48	138	41606	17.354 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.54	198	40029	13.888 ng/ul	98
64) N-Nitrosodiphenylamine	15.65	169	239960	19.940 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	103925	19.585 ng/ul	99
66) Hexachlorobenzene	16.44	284	119641	19.240 ng/ul	97
67) Atrazine	16.60	200	93346	18.951 ng/ul	98
68) Pentachlorophenol	16.79	266	66156	18.282 ng/ul	95
69) Phenanthrene	17.18	178	449585	19.401 ng/ul	99
71) Anthracene	17.27	178	454016	19.261 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	155753	20.969 ng/uL	99
73) Pentachlorobenzene	14.70	250	143688	19.878 ng/uL	99
74) Carbazole	17.55	167	381119	19.048 ng/ul	99
75) Di-n-butylphthalate	18.10	149	440652	20.291 ng/ul	99
76) Fluoranthene	19.20	202	566467	19.352 ng/ul	100
79) Pyrene	19.57	202	578813	19.268 ng/ul	97
80) Butylbenzylphthalate	20.46	149	203302	21.585 ng/ul	100
81) 3,3'-Dichlorobenzidine	21.26	252	207523	22.623 ng/ul	95
82) Benzo(a)anthracene	21.32	228	584752	19.412 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	298289	21.819 ng/ul	100
84) Chrysene	21.37	228	561735	19.513 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	503836	18.379 ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	604364	18.760 ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	558318	17.644 ng/ul	98
90) Benzo(a)pyrene	23.52	252	573318	18.910 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	711063	20.583 ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	598976	20.275 ng/ul	99
93) Benzo(g,h,i)perylene	26.64	276	592147	20.707 ng/ul	99

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

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