Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020355.D
Acq On : 17 May 2019 09:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: May 17 14:10:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 17 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	55430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	213660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	136050	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	333538	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	373395	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	416900	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	12318	8.20	ng/uL	0.00
5) Phenol-d5	6.90	99	82913	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	55100	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	64961	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	61403	19.07	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	28681	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	29007	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	67297	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	65178	19.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	202118	20.65	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	252228	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	24901	17.52	ng/ul	0.00
57) Fluorene-d10	15.38	176	183324	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	32350	17.03	ng/ul	0.00
70) Anthracene-d10	17.23	188	301035	21.04	ng/ul	0.00
78) Pyrene-d10	19.53	212	350087	19.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	385267	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	12759	8.141	ng/uL	89
4) Benzaldehyde	6.89	77	69977	18.473	ng/ul	97
6) Phenol	6.93	94	87038	18.711	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	68379	19.451	ng/ul	93
10) 2-Chlorophenol	7.30	128	66536	20.103	ng/ul	98
11) 2-Methylphenol	8.17	108	60231	19.051	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	47475	19.860	ng/ul	96
14) Acetophenone	8.56	105	105948	19.271	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	61340	19.551	ng/ul	99
16) 4-Methylphenol	8.50	108	66948	19.548	ng/ul	96
17) Hexachloroethane	8.80	117	33564	21.474	ng/ul	95
20) Nitrobenzene	8.95	77	91096	20.121	ng/ul	96
21) Isophorone	9.46	82	157551	20.111	ng/ul	99
23) 2-Nitrophenol	9.65	139	33174	20.004	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	77980	20.504	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	87514	20.651	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	65371	20.725	ng/ul	96
28) Naphthalene	10.57	128	201603	20.537	ng/ul	99
30) 4-Chloroaniline	10.70	127	65895	19.242	ng/ul	98
31) Hexachlorobutadiene	10.84	225	58659	21.367	ng/ul	98
32) Caprolactam	11.51	113	15915	17.680	ng/ul	91
33) 4-Chloro-3-methylphenol	11.82	107	62720	19.674	ng/ul	97
34) 2-Methylnaphthalene	12.19	142	144347	20.309	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	102618	20.922 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	54282	18.496 ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	57327	20.003 ng/ul	94
39) 2,4,5-Trichlorophenol	12.88	196	59683	21.078 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	199705	20.504 ng/ul	98
41) 2-Chloronaphthalene	13.26	162	160611	20.712 ng/ul	99
42) 2-Nitroaniline	13.47	65	37387	18.824 ng/ul	96
44) Dimethylphthalate	13.85	163	202972	20.961 ng/ul#	98
45) 2,6-Dinitrotoluene	13.97	165	34366	20.331 ng/ul	98
47) Acenaphthylene	14.10	152	237150	20.540 ng/ul	99
48) 3-Nitroaniline	14.31	138	24886	17.523 ng/ul	90
49) Acenaphthene	14.45	153	164826	20.765 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	14659	14.001 ng/ul	96
52) 4-Nitrophenol	14.62	109	26588	17.895 ng/ul	94
53) Dibenzofuran	14.79	168	253346	21.077 ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	55571	21.484 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	58430	20.504 ng/ul	98
56) Diethylphthalate	15.21	149	200904	21.451 ng/ul	100
58) Fluorene	15.43	166	202013	20.979 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	121006	21.417 ng/ul	98
60) 4-Nitroaniline	15.48	138	27943	18.089 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	33122	16.756 ng/ul#	94
64) N-Nitrosodiphenylamine	15.65	169	173120	20.977 ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	78043	21.446 ng/ul	99
66) Hexachlorobenzene	16.43	284	89568	21.002 ng/ul	100
67) Atrazine	16.60	200	64548	19.108 ng/ul	97
68) Pentachlorophenol	16.78	266	46044	18.553 ng/ul	94
69) Phenanthrene	17.18	178	334428	21.043 ng/ul	99
71) Anthracene	17.27	178	349210	21.602 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	104870	20.586 ng/uL	96
73) Pentachlorobenzene	14.70	250	103088	20.795 ng/uL	99
74) Carbazole	17.54	167	276275	20.134 ng/ul	99
75) Di-n-butylphthalate	18.10	149	318051	21.355 ng/ul	99
76) Fluoranthene	19.20	202	411908	20.518 ng/ul	99
79) Pyrene	19.56	202	444218	19.821 ng/ul	98
80) Butylbenzylphthalate	20.46	149	134027	19.073 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	128219	18.735 ng/ul	98
82) Benzo(a)anthracene	21.31	228	466539	20.759 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	204884	20.088 ng/ul#	99
84) Chrysene	21.36	228	453586	21.119 ng/ul	98
86) Di-n-octyl phthalate	22.12	149	363684	17.963 ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	471846	19.831 ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	490296	20.979 ng/ul	99
90) Benzo(a)pyrene	23.50	252	459646	20.527 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	548643	21.503 ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	473576	21.705 ng/ul	98
93) Benzo(g,h,i)perylene	26.61	276	456268	21.603 ng/ul	98

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

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