Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019692.D
Acq On : 02 Apr 2019 15:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02093

Quant Time: Apr 03 01:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 03 01:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	141102	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	662491	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	408943	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	915761	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	983748	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1065319	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	25327	7.03	ng/uL	0.00
5) Phenol-d5	6.76	99	257789	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	167429	19.90	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	199116	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	209577	22.22	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	98792	20.90	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	116667	22.18	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	206790	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	263881	22.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	659813	20.00	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	815955	19.78	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	97813	18.91	ng/ul	0.00
58) Fluorene-d10	15.23	176	553992	19.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	110978	18.33	ng/ul	0.00
71) Anthracene-d10	17.09	188	841273	19.14	ng/ul	0.00
79) Pyrene-d10	19.40	212	892439	19.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1079138	19.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	28302	6.902	ng/uL#	93
4) Benzaldehyde	6.74	77	194769	21.640	ng/ul	98
6) Phenol	6.79	94	268602	20.485	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	202400	20.178	ng/ul	98
10) 2-Chlorophenol	7.14	128	202911	20.960	ng/ul	99
11) 2-Methylphenol	8.02	108	195503	21.379	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	200689	21.107	ng/ul#	82
14) Acetophenone	8.40	105	326146	21.233	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.38	70	204663	23.776	ng/ul#	87
16) 4-Methylphenol	8.35	108	218018	21.738	ng/ul	100
17) Hexachloroethane	8.62	117	81470	20.024	ng/ul#	78
20) Nitrobenzene	8.78	77	270122	19.202	ng/ul	99
21) Isophorone	9.30	82	534791	22.160	ng/ul	98
23) 2-Nitrophenol	9.48	139	122937	21.189	ng/ul	95
24) 2,4-Dimethylphenol	9.54	107	247320	19.617	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	294189	20.201	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	202409	20.639	ng/ul#	94
28) Naphthalene	10.40	128	658402	19.184	ng/ul	99
30) 4-Chloroaniline	10.54	127	269613	21.487	ng/ul	97
31) Hexachlorobutadiene	10.66	225	112976	18.261	ng/ul	98
32) Caprolactam	11.35	113	73532	25.253	ng/ul	85
33) 4-Chloro-3-methylphenol	11.67	107	235829	22.309	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	487097	20.255	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	459433	20.234 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	229303	17.621 ng/ul#	96
38) Hexachlorocyclopentadiene	12.35	237	130733	19.586 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.66	196	161113	19.845 ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	170294	19.559 ng/ul	98
41) 1,1'-Biphenyl	13.06	154	642026	18.433 ng/ul#	96
42) 2-Chloronaphthalene	13.10	162	492557	18.466 ng/ul	99
43) 2-Nitroaniline	13.33	65	162490	22.182 ng/ul	89
45) Dimethylphthalate	13.70	163	663062	20.028 ng/ul#	98
46) 2,6-Dinitrotoluene	13.84	165	137677	22.652 ng/ul	96
48) Acenaphthylene	13.96	152	788512	19.282 ng/ul	99
49) 3-Nitroaniline	14.17	138	131218	22.063 ng/ul	92
50) Acenaphthene	14.30	153	541564	18.804 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	68502	19.466 ng/ul#	83
53) 4-Nitrophenol	14.49	109	74645	18.439 ng/ul#	79
54) Dibenzofuran	14.63	168	772164	19.198 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	202236	22.470 ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	14.87	232	146403	19.961 ng/ul#	82
57) Diethylphthalate	15.07	149	681498	20.928 ng/ul	95
59) Fluorene	15.29	166	629273	19.743 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	301961	18.991 ng/ul	91
61) 4-Nitroaniline	15.35	138	142605	21.966 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.40	198	116977	18.245 ng/ul#	90
65) N-Nitrosodiphenylamine	15.51	169	548790	19.262 ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	187781	18.882 ng/ul	96
67) Hexachlorobenzene	16.29	284	222205	18.452 ng/ul#	90
68) Atrazine	16.47	200	194521	19.510 ng/ul	98
69) Pentachlorophenol	16.65	266	115884	18.411 ng/ul	98
70) Phenanthrene	17.03	178	971582	18.712 ng/ul	99
72) Anthracene	17.13	178	1009251	19.053 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	223117	16.805 ng/uL	98
74) Pentachlorobenzene	14.55	250	240536	17.320 ng/uL	97
75) Carbazole	17.42	167	921762	19.403 ng/ul	98
76) Di-n-butylphthalate	17.96	149	1188632	22.572 ng/ul	99
77) Fluoranthene	19.06	202	1112969	18.706 ng/ul#	85
80) Pyrene	19.43	202	1163866	19.665 ng/ul#	83
81) Butylbenzylphthalate	20.34	149	574506	24.517 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.13	252	451611	21.132 ng/ul#	96
83) Benzo(a)anthracene	21.19	228	1161272	19.612 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	856419	25.214 ng/ul	95
85) Chrysene	21.24	228	1082048	19.045 ng/ul	99
87) Di-n-octyl phthalate	21.98	149	1477734	22.239 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1208671	18.626 ng/ul#	96
89) Benzo(k)fluoranthene	22.79	252	1185376	19.022 ng/ul#	96
91) Benzo(a)pyrene	23.32	252	1168616	18.838 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.63	276	1369028	17.623 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.64	278	1160731	17.527 ng/ul#	94
94) Benzo(g,h,i)perylene	26.31	276	1090464	16.798 ng/ul#	93

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

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