Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017084.D
Acq On : 09 Oct 2018 02:40
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Oct 09 04:03:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 09 04:00:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	200079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	866644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	475333	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1036586	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1172821	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1187834	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26844	6.67	ng/uL	0.00
5) Phenol-d5	6.87	99	311681	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	189249	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	264787	19.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	251074	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	123302	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	116264	18.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	265249	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	326244	20.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	732052	19.41	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	980134	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	124470	17.47	ng/ul	0.00
58) Fluorene-d10	15.33	176	670591	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	97892	16.01	ng/ul	0.00
71) Anthracene-d10	17.18	188	1011565	20.43	ng/ul	0.00
79) Pyrene-d10	19.47	212	1069892	20.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1234907	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	27849	6.584	ng/uL	92
4) Benzaldehyde	6.85	77	209922	20.219	ng/ul	96
6) Phenol	6.89	94	313907	18.760	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	245841	18.977	ng/ul	99
10) 2-Chlorophenol	7.26	128	269405	19.458	ng/ul	98
11) 2-Methylphenol	8.13	108	243667	19.340	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	356586	19.138	ng/ul	99
14) Acetophenone	8.51	105	415092	19.931	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	179763	18.544	ng/ul	98
16) 4-Methylphenol	8.46	108	259752	19.243	ng/ul	96
17) Hexachloroethane	8.76	117	112136	19.825	ng/ul	98
20) Nitrobenzene	8.89	77	294938	19.699	ng/ul	98
21) Isophorone	9.41	82	524022	19.288	ng/ul	98
23) 2-Nitrophenol	9.59	139	139000	19.092	ng/ul	100
24) 2,4-Dimethylphenol	9.65	107	288220	19.516	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	337648	19.360	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	260176	20.199	ng/ul	99
28) Naphthalene	10.52	128	883540	19.843	ng/ul	99
30) 4-Chloroaniline	10.63	127	335272	20.767	ng/ul	98
31) Hexachlorobutadiene	10.80	225	176484	20.151	ng/ul	98
32) Caprolactam	11.40	113	65100	16.581	ng/ul	94
33) 4-Chloro-3-methylphenol	11.76	107	255948	19.340	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	625956	19.906	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	604665	19.750 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	333342	20.423 ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	189171	18.075 ng/ul	97
39) 2,4,6-Trichlorophenol	12.75	196	195124	19.809 ng/ul	97
40) 2,4,5-Trichlorophenol	12.82	196	208837	19.751 ng/ul	97
41) 1,1'-Biphenyl	13.16	154	796646	20.329 ng/ul	98
42) 2-Chloronaphthalene	13.20	162	627129	20.315 ng/ul	99
43) 2-Nitroaniline	13.41	65	111970	16.620 ng/ul	98
45) Dimethylphthalate	13.79	163	735972	19.708 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	115896	18.434 ng/ul	99
48) Acenaphthylene	14.05	152	934968	20.252 ng/ul	100
49) 3-Nitroaniline	14.24	138	123454	17.655 ng/ul	100
50) Acenaphthene	14.40	153	655818	19.990 ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	57503	14.177 ng/ul	91
53) 4-Nitrophenol	14.55	109	93812	18.132 ng/ul	97
54) Dibenzofuran	14.73	168	930785	20.092 ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	195253	19.194 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	185049	19.507 ng/ul	99
57) Diethylphthalate	15.17	149	694947	19.027 ng/ul	100
59) Fluorene	15.38	166	756310	20.024 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.38	204	399077	20.273 ng/ul	98
61) 4-Nitroaniline	15.41	138	141129	17.100 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	106872	16.495 ng/ul#	93
65) N-Nitrosodiphenylamine	15.60	169	623308	20.297 ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	236879	20.356 ng/ul	96
67) Hexachlorobenzene	16.39	284	266373	20.258 ng/ul	98
68) Atrazine	16.56	200	187794	17.588 ng/ul	99
69) Pentachlorophenol	16.73	266	144996	18.290 ng/ul	99
70) Phenanthrene	17.12	178	1179954	20.301 ng/ul	99
72) Anthracene	17.21	178	1198170	20.288 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	351506	21.248 ng/uL	99
74) Pentachlorobenzene	14.65	250	323642	20.824 ng/uL	98
75) Carbazole	17.49	167	1009606	19.753 ng/ul	100
76) Di-n-butylphthalate	18.06	149	1041949	18.234 ng/ul	100
77) Fluoranthene	19.14	202	1319911	19.605 ng/ul	99
80) Pyrene	19.50	202	1383022	20.352 ng/ul	98
81) Butylbenzylphthalate	20.42	149	354126	15.103 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.19	252	348634	16.733 ng/ul	99
83) Benzo(a)anthracene	21.25	228	1416259	20.130 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	606421	16.687 ng/ul	97
85) Chrysene	21.30	228	1357266	19.946 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	1014786	15.977 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1441561	20.381 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	1409173	20.738 ng/ul	99
91) Benzo(a)pyrene	23.39	252	1392944	20.435 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.71	276	1643109	20.418 ng/ul	99
93) Dibenzo(a,h)anthracene	25.72	278	1372437	20.486 ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	1352431	20.181 ng/ul	99

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

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