Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012740.D
Acq On : 05 Nov 2017 10:48
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02096

Quant Time: Nov 06 03:31:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	105157	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	420996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	246275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	498007	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	468873	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	540195	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	13786	7.08	ng/uL	0.00
5) Phenol-d5	6.99	99	147131	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	80401	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	126520	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	126539	18.74	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	59994	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	68955	19.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	140927	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	152578	21.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	380976	18.69	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	480257	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	55201	16.90	ng/ul	0.01
57) Fluorene-d10	15.44	176	314891	18.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	37478	11.40	ng/ul	0.01
70) Anthracene-d10	17.30	188	445165	18.50	ng/ul	0.00
78) Pyrene-d10	19.59	212	418940	19.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	475708	18.62	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	14994	6.862	ng/uL	95
4) Benzaldehyde	6.96	77	92751	22.288	ng/ul	98
6) Phenol	7.02	94	149944	18.668	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.24	93	114557	19.028	ng/ul	96
10) 2-Chlorophenol	7.39	128	130105	19.377	ng/ul	100
11) 2-Methylphenol	8.26	108	117393	19.208	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	95145	19.128	ng/ul#	93
14) Acetophenone	8.64	105	189947	18.691	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	90926	18.612	ng/ul	97
16) 4-Methylphenol	8.59	108	127185	19.173	ng/ul	99
17) Hexachloroethane	8.89	117	49159	18.189	ng/ul	82
20) Nitrobenzene	9.02	77	136393	18.630	ng/ul	98
21) Isophorone	9.54	82	249893	18.955	ng/ul	99
23) 2-Nitrophenol	9.72	139	73524	19.186	ng/ul	95
24) 2,4-Dimethylphenol	9.79	107	147615	18.939	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.02	93	152413	18.545	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	136624	19.213	ng/ul	97
28) Naphthalene	10.66	128	395169	18.775	ng/ul	100
30) 4-Chloroaniline	10.77	127	152369	21.523	ng/ul	100
31) Hexachlorobutadiene	10.94	225	105715	18.902	ng/ul	99
32) Caprolactam	11.55	113	36974	18.488	ng/ul	91
33) 4-Chloro-3-methylphenol	11.90	107	130650	18.895	ng/ul	95
34) 2-Methylnaphthalene	12.27	142	300721	18.695	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	184389	19.340	ng/ul#	95
37) Hexachlorocyclopentadiene	12.62	237	28022	5.771	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	117872	19.564	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	120197	19.122	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	388829	19.088	ng/ul	98
41) 2-Chloronaphthalene	13.33	162	309757	19.247	ng/ul	94
42) 2-Nitroaniline	13.53	65	72416	19.044	ng/ul	96
44) Dimethylphthalate	13.91	163	378379	18.710	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	77067	19.038	ng/ul	96
47) Acenaphthylene	14.17	152	464943	19.027	ng/ul	100
48) 3-Nitroaniline	14.36	138	71176	20.851	ng/ul	95
49) Acenaphthene	14.52	153	310915	18.680	ng/ul	96
50) 2,4-Dinitrophenol	14.58	184	21169	8.372	ng/ul	97
52) 4-Nitrophenol	14.69	109	46918	16.284	ng/ul	91
53) Dibenzofuran	14.85	168	444759	18.320	ng/ul	94
54) 2,4-Dinitrotoluene	14.83	165	107151	17.998	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	104558	17.919	ng/ul#	84
56) Diethylphthalate	15.27	149	360586	18.357	ng/ul	97
58) Fluorene	15.50	166	360745	17.888	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	200736	17.915	ng/ul#	87
60) 4-Nitroaniline	15.53	138	75563	19.018	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	42270	12.211	ng/ul#	90
64) N-Nitrosodiphenylamine	15.71	169	312191	20.763	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	132879	20.538	ng/ul#	83
66) Hexachlorobenzene	16.51	284	140903	19.288	ng/ul#	85
67) Atrazine	16.66	200	120928	20.145	ng/ul	93
68) Pentachlorophenol	16.86	266	70146	16.805	ng/ul	100
69) Phenanthrene	17.24	178	504760	18.544	ng/ul	99
71) Anthracene	17.33	178	526047	18.639	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	177796	21.842	ng/uL	99
73) Pentachlorobenzene	14.77	250	175450	21.062	ng/uL	98
74) Carbazole	17.60	167	424863	18.049	ng/ul	98
75) Di-n-butylphthalate	18.16	149	546375	19.809	ng/ul	100
76) Fluoranthene	19.26	202	533254	16.303	ng/ul#	92
79) Pyrene	19.62	202	535984	19.160	ng/ul#	91
80) Butylbenzylphthalate	20.51	149	209500	20.536	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.29	252	195858	18.886	ng/ul#	98
82) Benzo(a)anthracene	21.36	228	535246	18.865	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	279244	18.790	ng/ul#	93
84) Chrysene	21.42	228	481236	18.715	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	477379	16.800	ng/ul#	98
87) Benzo(b)fluoranthene	22.97	252	601122	18.209	ng/ul#	94
88) Benzo(k)fluoranthene	23.02	252	575451	18.339	ng/ul#	97
90) Benzo(a)pyrene	23.57	252	582801	18.553	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.99	276	732505	19.348	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.99	278	617638	19.272	ng/ul#	93
93) Benzo(g,h,i)perylene	26.70	276	608634	19.510	ng/ul#	89

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

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