Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011218\
Data File : BM013575.D
Acq On : 13 Jan 2018 01:06
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Jan 15 13:42:47 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 13 01:50:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	113234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	445422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	272747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	622765	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	732998	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	704016	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	22962	8.02	ng/uL	0.00
5) Phenol-d5	6.80	99	180107	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	111826	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	156414	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	137140	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	71003	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	74403	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	150320	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	137515	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	455059	20.24	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	573267	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	71232	19.50	ng/ul	0.00
57) Fluorene-d10	15.27	176	403170	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	70214	18.73	ng/ul	0.00
70) Anthracene-d10	17.13	188	639961	21.10	ng/ul	0.00
76) Pyrene-d10	19.43	212	716041	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	674929	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	26193	8.346	ng/uL#	62
4) Benzaldehyde	6.78	77	136530	22.695	ng/ul	98
6) Phenol	6.83	94	182052	20.880	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.06	93	146319	21.446	ng/ul	98
10) 2-Chlorophenol	7.19	128	148971	21.102	ng/ul	97
11) 2-Methylphenol	8.07	108	135367	21.062	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.16	45	143563	20.680	ng/ul#	74
14) Acetophenone	8.45	105	229870	20.787	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.43	70	114801	21.279	ng/ul#	71
16) 4-Methylphenol	8.40	108	148502	21.609	ng/ul	97
17) Hexachloroethane	8.69	117	69827	20.320	ng/ul#	75
20) Nitrobenzene	8.82	77	184081	20.617	ng/ul	98
21) Isophorone	9.35	82	297864	20.648	ng/ul#	94
23) 2-Nitrophenol	9.53	139	77064	20.248	ng/ul	92
24) 2,4-Dimethylphenol	9.59	107	167516	20.876	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.83	93	186507	21.207	ng/ul	94
27) 2,4-Dichlorophenol	10.06	162	144873	21.307	ng/ul#	91
28) Naphthalene	10.45	128	466985	21.074	ng/ul	98
30) 4-Chloroaniline	10.57	127	137406	22.638	ng/ul	91
31) Hexachlorobutadiene	10.73	225	116599	20.891	ng/ul	93
32) Caprolactam	11.35	113	38990	20.613	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.71	107	143155	20.769	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	338046	20.461	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	205232	20.307	ng/ul#	97
37) Hexachlorocyclopentadiene	12.42	237	71743	17.099	ng/ul	95
38) 2,4,6-Trichlorophenol	12.70	196	119547	20.436	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	126226	20.737	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	463032	20.395	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	360453	20.310	ng/ul	98
42) 2-Nitroaniline	13.36	65	101272	20.686	ng/ul	94
44) Dimethylphthalate	13.74	163	442122	20.004	ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	86805	20.267	ng/ul	89
47) Acenaphthylene	13.99	152	538565	20.534	ng/ul	99
48) 3-Nitroaniline	14.19	138	66127	19.632	ng/ul	98
49) Acenaphthene	14.34	153	366838	20.195	ng/ul	96
50) 2,4-Dinitrophenol	14.41	184	39203	15.967	ng/ul#	85
52) 4-Nitrophenol	14.51	109	75054	20.224	ng/ul#	82
53) Dibenzofuran	14.67	168	560223	20.501	ng/ul	97
54) 2,4-Dinitrotoluene	14.66	165	129267	20.704	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	115391	20.154	ng/ul#	87
56) Diethylphthalate	15.12	149	454931	20.453	ng/ul	96
58) Fluorene	15.33	166	461611	20.622	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.33	204	248039	20.507	ng/ul	95
60) 4-Nitroaniline	15.36	138	80430	20.407	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.43	198	75089	18.978	ng/ul	97
64) N-Nitrosodiphenylamine	15.54	169	379382	20.713	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	154238	20.969	ng/ul	98
66) Hexachlorobenzene	16.33	284	165616	20.918	ng/ul#	90
67) Atrazine	16.50	200	154288	21.106	ng/ul	98
68) Pentachlorophenol	16.68	266	79484	18.892	ng/ul	97
69) Phenanthrene	17.07	178	730689	21.108	ng/ul	99
71) Anthracene	17.16	178	760794	21.307	ng/ul	99
72) Carbazole	17.43	167	618109	20.972	ng/ul	98
73) Di-n-butylphthalate	18.00	149	766519	22.113	ng/ul	99
74) Fluoranthene	19.09	202	866195	20.962	ng/ul#	94
77) Pyrene	19.46	202	927614	20.817	ng/ul#	93
78) Butylbenzylphthalate	20.37	149	328485	20.927	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.15	252	248183	20.467	ng/ul#	93
80) Benzo(a)anthracene	21.21	228	915692	20.674	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.15	149	490370	20.822	ng/ul	99
82) Chrysene	21.26	228	837406	20.609	ng/ul	98
84) Di-n-octyl phthalate	22.02	149	839246	19.781	ng/ul#	99
85) Benzo(b)fluoranthene	22.77	252	921230	21.307	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	872799	20.885	ng/ul#	99
88) Benzo(a)pyrene	23.33	252	885446	21.679	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.64	276	1002478	20.793	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.64	278	854230	20.981	ng/ul#	97
91) Benzo(g,h,i)perylene	26.31	276	809930	20.411	ng/ul#	95

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

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