Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013588.D
Acq On : 15 Jan 2018 16:57
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Quant Time: Jan 16 00:56:01 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 00:49:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	136115	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	514621	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	287724	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	654604	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	710029	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	689261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	25580	7.43	ng/uL	0.00
5) Phenol-d5	6.80	99	215551	20.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	130215	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	181914	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	159155	19.81	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86420	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	88188	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	171125	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	169298	23.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	492637	20.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	648952	21.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	73350	19.03	ng/ul	0.00
57) Fluorene-d10	15.27	176	420697	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75780	19.23	ng/ul	0.00
70) Anthracene-d10	17.12	188	670751	21.04	ng/ul	0.00
76) Pyrene-d10	19.42	212	711206	21.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	655435	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	29027	7.694	ng/uL#	66
4) Benzaldehyde	6.77	77	150632	20.830	ng/ul	90
6) Phenol	6.83	94	210679	20.102	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.06	93	173722	21.182	ng/ul	97
10) 2-Chlorophenol	7.19	128	175837	20.721	ng/ul	99
11) 2-Methylphenol	8.07	108	156337	20.236	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	176921	21.201	ng/ul#	81
14) Acetophenone	8.45	105	262030	19.712	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.43	70	129418	19.956	ng/ul#	69
16) 4-Methylphenol	8.39	108	166309	20.132	ng/ul	94
17) Hexachloroethane	8.68	117	80746	19.548	ng/ul#	73
20) Nitrobenzene	8.82	77	210236	20.380	ng/ul	95
21) Isophorone	9.34	82	340214	20.412	ng/ul#	94
23) 2-Nitrophenol	9.52	139	93473	21.257	ng/ul#	77
24) 2,4-Dimethylphenol	9.59	107	190359	20.533	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.82	93	215222	21.181	ng/ul	96
27) 2,4-Dichlorophenol	10.06	162	163246	20.781	ng/ul	94
28) Naphthalene	10.45	128	541502	21.151	ng/ul	98
30) 4-Chloroaniline	10.57	127	167978	23.954	ng/ul	96
31) Hexachlorobutadiene	10.73	225	132728	20.583	ng/ul	91
32) Caprolactam	11.35	113	43673	19.984	ng/ul#	31
33) 4-Chloro-3-methylphenol	11.70	107	159965	20.087	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	392908	20.584	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	226176	21.215 ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	77549	17.521 ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	135343	21.932 ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	137653	21.437 ng/ul	98
40) 1,1'-Biphenyl	13.10	154	509926	21.291 ng/ul	96
41) 2-Chloronaphthalene	13.14	162	400633	21.399 ng/ul	99
42) 2-Nitroaniline	13.36	65	107835	20.880 ng/ul	95
44) Dimethylphthalate	13.73	163	473766	20.320 ng/ul#	98
45) 2,6-Dinitrotoluene	13.86	165	93284	20.646 ng/ul	95
47) Acenaphthylene	13.99	152	582112	21.039 ng/ul	98
48) 3-Nitroaniline	14.19	138	74310	20.913 ng/ul	92
49) Acenaphthene	14.33	153	405695	21.172 ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	39588	15.285 ng/ul	91
52) 4-Nitrophenol	14.51	109	71858	18.355 ng/ul	86
53) Dibenzofuran	14.67	168	594121	20.610 ng/ul	97
54) 2,4-Dinitrotoluene	14.66	165	137104	20.816 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	123140	20.388 ng/ul#	84
56) Diethylphthalate	15.11	149	463539	19.755 ng/ul	95
58) Fluorene	15.32	166	490751	20.782 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	259065	20.304 ng/ul	96
60) 4-Nitroaniline	15.36	138	84911	20.423 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	74503	17.914 ng/ul#	96
64) N-Nitrosodiphenylamine	15.54	169	403073	20.936 ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	159277	20.601 ng/ul	95
66) Hexachlorobenzene	16.33	284	167827	20.166 ng/ul#	92
67) Atrazine	16.50	200	157182	20.456 ng/ul	91
68) Pentachlorophenol	16.68	266	82839	18.732 ng/ul	96
69) Phenanthrene	17.06	178	746059	20.504 ng/ul	98
71) Anthracene	17.16	178	771937	20.568 ng/ul	98
72) Carbazole	17.43	167	624801	20.168 ng/ul	98
73) Di-n-butylphthalate	18.00	149	750101	20.587 ng/ul	99
74) Fluoranthene	19.09	202	873366	20.108 ng/ul#	92
77) Pyrene	19.45	202	915616	21.212 ng/ul#	93
78) Butylbenzylphthalate	20.36	149	325832	21.429 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	253039	21.543 ng/ul#	94
80) Benzo(a)anthracene	21.20	228	890506	20.756 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	489562	21.460 ng/ul	99
82) Chrysene	21.26	228	809269	20.561 ng/ul	99
84) Di-n-octyl phthalate	22.01	149	819461	19.728 ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	923053	21.807 ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	813579	19.885 ng/ul#	98
88) Benzo(a)pyrene	23.32	252	827046	20.683 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	965827	20.461 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	823368	20.656 ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	784456	20.192 ng/ul#	95

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

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