Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013577.D
Acq On : 15 Jan 2018 09:05
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Jan 16 00:41:03 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	116330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	458263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	269677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	618006	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	713368	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	707295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	23555	8.00	ng/uL	0.00
5) Phenol-d5	6.80	99	180598	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	112675	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	152645	20.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	139221	20.28	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	70207	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	75403	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	148024	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	147415	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	446893	20.11	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	581169	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	65196	18.05	ng/ul	0.00
57) Fluorene-d10	15.27	176	400463	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	70009	18.82	ng/ul	0.00
70) Anthracene-d10	17.12	188	646501	21.48	ng/ul	0.00
76) Pyrene-d10	19.42	212	705221	21.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	683418	21.02	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	24545	7.613	ng/uL#	67
4) Benzaldehyde	6.77	77	132709	21.473	ng/ul	89
6) Phenol	6.83	94	179988	20.094	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.06	93	148623	21.204	ng/ul	96
10) 2-Chlorophenol	7.19	128	150035	20.687	ng/ul	99
11) 2-Methylphenol	8.07	108	133771	20.260	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	146290	20.512	ng/ul#	83
14) Acetophenone	8.44	105	233371	20.542	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.43	70	112703	20.334	ng/ul#	73
16) 4-Methylphenol	8.40	108	141954	20.107	ng/ul	99
17) Hexachloroethane	8.69	117	72078	20.417	ng/ul#	76
20) Nitrobenzene	8.82	77	190298	20.716	ng/ul	100
21) Isophorone	9.34	82	293157	19.752	ng/ul	96
23) 2-Nitrophenol	9.53	139	81101	20.711	ng/ul#	81
24) 2,4-Dimethylphenol	9.59	107	172430	20.886	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.83	93	184754	20.419	ng/ul	94
27) 2,4-Dichlorophenol	10.06	162	144099	20.599	ng/ul	96
28) Naphthalene	10.45	128	472271	20.715	ng/ul	98
30) 4-Chloroaniline	10.57	127	139316	22.310	ng/ul	93
31) Hexachlorobutadiene	10.73	225	115019	20.031	ng/ul	92
32) Caprolactam	11.34	113	37046	19.037	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.70	107	142018	20.027	ng/ul	92
34) 2-Methylnaphthalene	12.07	142	354461	20.853	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	206210	20.637 ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	74470	17.951 ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	119284	20.623 ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	122711	20.389 ng/ul	97
40) 1,1'-Biphenyl	13.10	154	470850	20.975 ng/ul	98
41) 2-Chloronaphthalene	13.14	162	363325	20.705 ng/ul	97
42) 2-Nitroaniline	13.36	65	101182	20.903 ng/ul	95
44) Dimethylphthalate	13.74	163	447321	20.469 ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	85885	20.281 ng/ul#	91
47) Acenaphthylene	13.99	152	531305	20.488 ng/ul	99
48) 3-Nitroaniline	14.19	138	68911	20.691 ng/ul#	83
49) Acenaphthene	14.33	153	365296	20.339 ng/ul	95
50) 2,4-Dinitrophenol	14.41	184	39835	16.409 ng/ul#	90
52) 4-Nitrophenol	14.51	109	72057	19.638 ng/ul#	76
53) Dibenzofuran	14.67	168	550483	20.374 ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	125140	20.271 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.90	232	115274	20.363 ng/ul#	92
56) Diethylphthalate	15.11	149	440995	20.052 ng/ul	93
58) Fluorene	15.33	166	459755	20.773 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	246477	20.610 ng/ul	90
60) 4-Nitroaniline	15.36	138	79005	20.274 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.42	198	74760	19.040 ng/ul#	99
64) N-Nitrosodiphenylamine	15.54	169	381535	20.991 ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	155376	21.287 ng/ul	97
66) Hexachlorobenzene	16.33	284	165121	21.016 ng/ul#	91
67) Atrazine	16.50	200	145891	20.111 ng/ul	91
68) Pentachlorophenol	16.68	266	79852	19.125 ng/ul	96
69) Phenanthrene	17.06	178	729165	21.226 ng/ul	98
71) Anthracene	17.16	178	751219	21.201 ng/ul	98
72) Carbazole	17.43	167	615615	21.048 ng/ul	99
73) Di-n-butylphthalate	18.00	149	727085	21.137 ng/ul	99
74) Fluoranthene	19.09	202	854681	20.843 ng/ul#	91
77) Pyrene	19.45	202	923407	21.292 ng/ul#	93
78) Butylbenzylphthalate	20.36	149	312944	20.485 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.14	252	242121	20.517 ng/ul#	95
80) Benzo(a)anthracene	21.20	228	910707	21.127 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	484611	21.143 ng/ul	97
82) Chrysene	21.26	228	812698	20.552 ng/ul	99
84) Di-n-octyl phthalate	22.01	149	809564	18.993 ng/ul#	99
85) Benzo(b)fluoranthene	22.76	252	922551	21.239 ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	859670	20.476 ng/ul#	98
88) Benzo(a)pyrene	23.33	252	849221	20.696 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.62	276	983867	20.312 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	837876	20.484 ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	809752	20.312 ng/ul#	95

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

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