Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
Data File : BM014888.D
Acq On : 01 May 2018 16:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: May 02 04:47:05 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 03:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	354972	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1448247	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	712464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1403699	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1337417	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1374181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	67235	8.27	ng/uL	0.00
5) Phenol-d5	7.62	99	584265	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	397283	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	482244	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	459692	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	212414	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	212585	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	421900	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	551234	26.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1093850	19.67	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1401800	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	187516	18.17	ng/ul	0.00
57) Fluorene-d10	16.08	176	944507	19.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	135328	17.82	ng/ul	0.00
70) Anthracene-d10	17.91	188	1315829	20.11	ng/ul	0.00
76) Pyrene-d10	20.15	212	1304555	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1352458	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	72473	8.472	ng/uL#	80
4) Benzaldehyde	7.61	77	379335	26.278	ng/ul	89
6) Phenol	7.65	94	588235	21.787	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.89	93	470032	21.771	ng/ul#	87
10) 2-Chlorophenol	8.05	128	472831	20.915	ng/ul	92
11) 2-Methylphenol	8.93	108	413610	20.842	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.03	45	916682	22.967	ng/ul	97
14) Acetophenone	9.33	105	683599	21.317	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.30	70	351972	21.151	ng/ul#	82
16) 4-Methylphenol	9.26	108	450243	21.083	ng/ul	92
17) Hexachloroethane	9.60	117	194666	21.051	ng/ul#	67
20) Nitrobenzene	9.72	77	538038	21.510	ng/ul	95
21) Isophorone	10.25	82	875682	20.471	ng/ul#	94
23) 2-Nitrophenol	10.44	139	235718	20.809	ng/ul#	78
24) 2,4-Dimethylphenol	10.48	107	490756	20.506	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.72	93	588761	20.474	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	397626	19.657	ng/ul#	91
28) Naphthalene	11.39	128	1422821	20.161	ng/ul	99
30) 4-Chloroaniline	11.49	127	533509	26.282	ng/ul	95
31) Hexachlorobutadiene	11.66	225	244437	18.779	ng/ul	95
32) Caprolactam	12.25	113	103458	17.751	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.57	107	410509	20.063	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	950757	19.400	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	434069	19.435 ng/ul#	96
37) Hexachlorocyclopentadiene	13.29	237	296624	19.278 ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	277480	20.114 ng/ul	96
39) 2,4,5-Trichlorophenol	13.62	196	290457	19.713 ng/ul	99
40) 1,1'-Biphenyl	13.95	154	1176904	20.542 ng/ul#	97
41) 2-Chloronaphthalene	14.00	162	914124	20.546 ng/ul	97
42) 2-Nitroaniline	14.19	65	261643	22.222 ng/ul	96
44) Dimethylphthalate	14.54	163	1056000	19.642 ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	201246	20.409 ng/ul#	96
47) Acenaphthylene	14.83	152	1380109	20.742 ng/ul	100
48) 3-Nitroaniline	14.99	138	211980	21.846 ng/ul	91
49) Acenaphthene	15.16	153	957584	20.252 ng/ul	100
50) 2,4-Dinitrophenol	15.20	184	74012	13.518 ng/ul	93
52) 4-Nitrophenol	15.27	109	144659	19.447 ng/ul#	85
53) Dibenzofuran	15.49	168	1310070	19.952 ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	282937	19.475 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.71	232	231339	18.504 ng/ul#	79
56) Diethylphthalate	15.88	149	1041171	19.239 ng/ul	93
58) Fluorene	16.13	166	1023009	19.295 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	499367	18.817 ng/ul	91
60) 4-Nitroaniline	16.14	138	210495	18.596 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	139885	17.724 ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	857164	21.057 ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	296319	19.987 ng/ul	94
66) Hexachlorobenzene	17.12	284	348456	20.230 ng/ul#	90
67) Atrazine	17.25	200	272393	20.955 ng/ul#	92
68) Pentachlorophenol	17.46	266	180336	18.409 ng/ul	98
69) Phenanthrene	17.86	178	1518580	20.144 ng/ul	98
71) Anthracene	17.94	178	1552952	20.299 ng/ul	99
72) Carbazole	18.20	167	1317169	20.182 ng/ul	99
73) Di-n-butylphthalate	18.73	149	1609974	20.286 ng/ul#	98
74) Fluoranthene	19.82	202	1595377	19.411 ng/ul#	79
77) Pyrene	20.18	202	1632875	20.896 ng/ul#	78
78) Butylbenzylphthalate	21.02	149	679060	21.301 ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.80	252	535303	20.979 ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1571741	20.097 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	975042	20.837 ng/ul#	95
82) Chrysene	21.94	228	1471577	20.099 ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1598424	20.224 ng/ul#	88
85) Benzo(b)fluoranthene	23.63	252	1589154	19.617 ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1534479	19.699 ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1517529	19.749 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.95	276	1863549	20.047 ng/ul#	87
90) Dibenzo(a,h)anthracene	26.96	278	1569890	20.057 ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1516596	19.831 ng/ul#	89

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

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