Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006441.D
Acq On : 15 Jul 2016 13:35
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Jul 15 14:14:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	463639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	260410	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	627507	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	799706	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	879842	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	23923	8.57	ng/uL	0.00
5) Phenol-d5	6.80	99	199780	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	122952	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	159751	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	153544	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	73466	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	81376	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	150149	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	196966	25.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	434533	20.39	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	558324	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	78589	21.23	ng/ul	0.00
57) Fluorene-d10	15.27	176	389988	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71070	19.58	ng/ul	0.00
70) Anthracene-d10	17.12	188	612816	20.66	ng/ul	0.00
76) Pyrene-d10	19.42	212	749376	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	843887	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	25908	8.66	ng/uL#	16
4) Benzaldehyde	6.77	77	134578	23.12	ng/ul	99
6) Phenol	6.83	94	211943	20.87	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	157564	21.05	ng/ul	97
10) 2-Chlorophenol	7.19	128	167072	20.84	ng/ul	99
11) 2-Methylphenol	8.06	108	156345	20.67	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	250252	20.57	ng/ul	100
14) Acetophenone	8.44	105	246873	20.47	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	128646	20.22	ng/ul	93
16) 4-Methylphenol	8.39	108	167392	20.47	ng/ul	96
17) Hexachloroethane	8.69	117	72136	21.15	ng/ul	89
20) Nitrobenzene	8.82	77	197264	21.08	ng/ul	99
21) Isophorone	9.33	82	341244	20.43	ng/ul	99
23) 2-Nitrophenol	9.52	139	90004	20.60	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	192289	20.35	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	207758	20.79	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	151658	20.05	ng/ul	97
28) Naphthalene	10.45	128	486833	20.69	ng/ul	98
30) 4-Chloroaniline	10.56	127	204029	24.98	ng/ul	99
31) Hexachlorobutadiene	10.73	225	107022	20.72	ng/ul	99
32) Caprolactam	11.31	113	46549	19.37	ng/ul	94
33) 4-Chloro-3-methylphenol	11.70	107	164786	19.45	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	358225	20.20	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	191373	20.95	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	93842	19.51	ng/ul	100
38) 2,4,6-Trichlorophenol	12.69	196	123247	20.78	ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	131424	21.51	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	455809	21.22	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	357464	21.28	ng/ul	98
42) 2-Nitroaniline	13.35	65	118994	20.71	ng/ul	98
44) Dimethylphthalate	13.73	163	441902	20.44	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	90754	21.12	ng/ul	99
47) Acenaphthylene	13.99	152	574283	20.93	ng/ul	99
48) 3-Nitroaniline	14.19	138	98151	24.25	ng/ul	99
49) Acenaphthene	14.33	153	366590	20.76	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	43836	17.96	ng/ul	91
52) 4-Nitrophenol	14.50	109	82709	19.74	ng/ul	92
53) Dibenzofuran	14.67	168	532414	20.71	ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	134493	20.94	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	113261	20.46	ng/ul	97
56) Diethylphthalate	15.10	149	459569	20.14	ng/ul	99
58) Fluorene	15.32	166	418636	20.36	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	213438	20.41	ng/ul	99
60) 4-Nitroaniline	15.35	138	107529	22.40	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.42	198	77037	19.93	ng/ul	97
64) N-Nitrosodiphenylamine	15.54	169	377236	20.46	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	144437	20.66	ng/ul	98
66) Hexachlorobenzene	16.33	284	157865	20.25	ng/ul	98
67) Atrazine	16.49	200	144821	21.26	ng/ul	98
68) Pentachlorophenol	16.67	266	73369	19.57	ng/ul	99
69) Phenanthrene	17.06	178	720075	20.87	ng/ul	99
71) Anthracene	17.15	178	733591	20.67	ng/ul	99
72) Carbazole	17.43	167	667893	22.26	ng/ul	99
73) Di-n-butylphthalate	17.99	149	835928	20.37	ng/ul	100
74) Fluoranthene	19.09	202	930700	23.21	ng/ul	98
77) Pyrene	19.45	202	970590	20.33	ng/ul	98
78) Butylbenzylphthalate	20.36	149	417544	19.89	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	356240	22.87	ng/ul	99
80) Benzo(a)anthracene	21.20	228	992285	20.33	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	578978	19.86	ng/ul	99
82) Chrysene	21.26	228	931383	20.27	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	1112074	21.69	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1134611	21.58	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1009056	20.40	ng/ul	99
88) Benzo(a)pyrene	23.33	252	1067140	21.19	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1271042	21.69	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1064272	21.85	ng/ul	99
91) Benzo(g,h,i)perylene	26.30	276	1089504	21.03	ng/ul	100

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

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