Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007770.D
Acq On : 07 Nov 2016 12:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Nov 07 13:33:06 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	174001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	660091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	422508	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	835059	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1052336	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1080173	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	31997	7.88	ng/uL	0.00
5) Phenol-d5	6.92	99	270546	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	162330	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	217620	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	209708	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	100866	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	112642	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	217107	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	254606	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	597221	20.76	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	728756	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	88722	19.50	ng/ul	0.00
57) Fluorene-d10	15.37	176	516639	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	92300	18.60	ng/ul	0.00
70) Anthracene-d10	17.23	188	792806	21.07	ng/ul	0.00
76) Pyrene-d10	19.52	212	899247	20.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	994938	21.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	35589	8.01	ng/uL	94
4) Benzaldehyde	6.90	77	197230	23.22	ng/ul	100
6) Phenol	6.95	94	281740	20.44	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	215355	20.28	ng/ul	98
10) 2-Chlorophenol	7.32	128	219540	20.78	ng/ul	97
11) 2-Methylphenol	8.19	108	203128	20.24	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	242836	20.63	ng/ul	98
14) Acetophenone	8.57	105	334675	20.31	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	174485	21.34	ng/ul	93
16) 4-Methylphenol	8.52	108	218137	20.18	ng/ul	90
17) Hexachloroethane	8.81	117	97957	20.98	ng/ul	100
20) Nitrobenzene	8.95	77	263217	21.54	ng/ul	97
21) Isophorone	9.47	82	453156	21.68	ng/ul	99
23) 2-Nitrophenol	9.65	139	115695	21.99	ng/ul	97
24) 2,4-Dimethylphenol	9.71	107	257496	21.45	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	268340	20.99	ng/ul	100
27) 2,4-Dichlorophenol	10.18	162	212283	21.77	ng/ul	99
28) Naphthalene	10.57	128	666670	20.76	ng/ul	100
30) 4-Chloroaniline	10.69	127	255771	22.31	ng/ul	97
31) Hexachlorobutadiene	10.85	225	168707	21.23	ng/ul	98
32) Caprolactam	11.48	113	54482	20.15	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	224101	21.92	ng/ul	94
34) 2-Methylnaphthalene	12.19	142	477603	20.91	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	288601	21.16 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	128613	16.01 ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	166953	22.01 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	178891	21.53 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	621599	20.87 ng/ul	96
41) 2-Chloronaphthalene	13.25	162	474086	20.80 ng/ul	98
42) 2-Nitroaniline	13.47	65	134046	22.17 ng/ul	97
44) Dimethylphthalate	13.84	163	579691	20.75 ng/ul	98
45) 2,6-Dinitrotoluene	13.96	165	112186	21.35 ng/ul	91
47) Acenaphthylene	14.10	152	738379	21.03 ng/ul	100
48) 3-Nitroaniline	14.30	138	115034	22.14 ng/ul	98
49) Acenaphthene	14.44	153	499237	20.60 ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	56957	17.60 ng/ul#	83
52) 4-Nitrophenol	14.61	109	87145	19.32 ng/ul	97
53) Dibenzofuran	14.78	168	719010	20.67 ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	167260	22.06 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	156401	21.11 ng/ul	93
56) Diethylphthalate	15.20	149	579411	20.95 ng/ul	97
58) Fluorene	15.43	166	584658	21.05 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.43	204	307217	20.75 ng/ul	98
60) 4-Nitroaniline	15.47	138	99548	19.00 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.53	198	97504	19.02 ng/ul	98
64) N-Nitrosodiphenylamine	15.64	169	495347	20.75 ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	194756	20.45 ng/ul	96
66) Hexachlorobenzene	16.43	284	215596	20.44 ng/ul	95
67) Atrazine	16.60	200	186747	20.31 ng/ul	99
68) Pentachlorophenol	16.79	266	115636	19.56 ng/ul	98
69) Phenanthrene	17.17	178	908695	20.47 ng/ul	100
71) Anthracene	17.26	178	941040	20.81 ng/ul	100
72) Carbazole	17.53	167	812490	20.76 ng/ul	99
73) Di-n-butylphthalate	18.09	149	943535	21.65 ng/ul	99
74) Fluoranthene	19.19	202	1089754	20.99 ng/ul	99
77) Pyrene	19.55	202	1135209	20.88 ng/ul	99
78) Butylbenzylphthalate	20.45	149	428834	22.17 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	401306	21.47 ng/ul	99
80) Benzo(a)anthracene	21.30	228	1178564	20.95 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	641783	22.53 ng/ul	98
82) Chrysene	21.35	228	1137650	21.05 ng/ul	100
84) Di-n-octyl phthalate	22.10	149	1138187	20.78 ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1244171	20.16 ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1199849	21.13 ng/ul	99
88) Benzo(a)pyrene	23.47	252	1214130	20.89 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1469354	21.10 ng/ul	100
90) Dibenzo(a,h)anthracene	25.84	278	1232017	20.97 ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1223878	20.93 ng/ul	97

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

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