Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006484.D
Acq On : 16 Jul 2016 18:49
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02068

Quant Time: Jul 18 06:18:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 23:20:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	507414	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	290054	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	655489	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	754649	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	810517	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	23133	8.16	ng/uL	0.00
5) Phenol-d5	6.79	99	209724	21.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	130748	22.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	167247	21.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	166649	21.45	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	79388	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	83278	19.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	159943	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	206817	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	471501	19.86	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	607168	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	82734	20.06	ng/ul	0.00
57) Fluorene-d10	15.26	176	421681	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	66484	17.53	ng/ul	0.00
70) Anthracene-d10	17.12	188	643563	20.77	ng/ul	0.00
76) Pyrene-d10	19.42	212	716604	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	771317	20.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	24966	8.22	ng/uL#	12
4) Benzaldehyde	6.76	77	142630	24.15	ng/ul	97
6) Phenol	6.82	94	223446	21.68	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	170849	22.49	ng/ul	96
10) 2-Chlorophenol	7.18	128	174107	21.39	ng/ul	98
11) 2-Methylphenol	8.06	108	166662	21.71	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	257732	20.87	ng/ul	99
14) Acetophenone	8.43	105	270173	22.08	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	137641	21.32	ng/ul	99
16) 4-Methylphenol	8.39	108	184199	22.20	ng/ul	99
17) Hexachloroethane	8.68	117	69912	20.19	ng/ul	90
20) Nitrobenzene	8.81	77	207181	20.23	ng/ul	98
21) Isophorone	9.33	82	370207	20.25	ng/ul	99
23) 2-Nitrophenol	9.52	139	94299	19.73	ng/ul	98
24) 2,4-Dimethylphenol	9.58	107	207072	20.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	234148	21.41	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	163320	19.73	ng/ul	99
28) Naphthalene	10.45	128	535772	20.80	ng/ul	100
30) 4-Chloroaniline	10.56	127	213910	23.93	ng/ul	99
31) Hexachlorobutadiene	10.73	225	106303	18.81	ng/ul	96
32) Caprolactam	11.32	113	52222	19.86	ng/ul	87
33) 4-Chloro-3-methylphenol	11.70	107	185264	19.98	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	392584	20.23	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	207669	20.41	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	90157	16.83	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	128087	19.39	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	136415	20.05	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	498124	20.82	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	388650	20.77	ng/ul	99
42) 2-Nitroaniline	13.35	65	128005	20.00	ng/ul	95
44) Dimethylphthalate	13.73	163	481852	20.01	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	95328	19.92	ng/ul	99
47) Acenaphthylene	13.99	152	644426	21.08	ng/ul	99
48) 3-Nitroaniline	14.18	138	104324	23.14	ng/ul	98
49) Acenaphthene	14.33	153	411289	20.91	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	38840	14.28	ng/ul	99
52) 4-Nitrophenol	14.50	109	80174	17.18	ng/ul	99
53) Dibenzofuran	14.67	168	583142	20.37	ng/ul	98
54) 2,4-Dinitrotoluene	14.64	165	143650	20.08	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	119004	19.30	ng/ul	96
56) Diethylphthalate	15.10	149	493702	19.43	ng/ul	98
58) Fluorene	15.32	166	468531	20.46	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	228742	19.64	ng/ul	98
60) 4-Nitroaniline	15.35	138	118082	22.09	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.42	198	74593	18.48	ng/ul	96
64) N-Nitrosodiphenylamine	15.53	169	414142	21.50	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	149158	20.42	ng/ul	97
66) Hexachlorobenzene	16.33	284	168865	20.74	ng/ul	96
67) Atrazine	16.49	200	149947	21.07	ng/ul	97
68) Pentachlorophenol	16.67	266	72333	18.47	ng/ul	96
69) Phenanthrene	17.06	178	752329	20.87	ng/ul	100
71) Anthracene	17.15	178	783403	21.13	ng/ul	99
72) Carbazole	17.43	167	694813	22.16	ng/ul	99
73) Di-n-butylphthalate	17.99	149	831427	19.39	ng/ul	100
74) Fluoranthene	19.08	202	900318	21.49	ng/ul	99
77) Pyrene	19.44	202	941557	20.90	ng/ul	99
78) Butylbenzylphthalate	20.36	149	389183	19.64	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.14	252	314505	21.39	ng/ul	98
80) Benzo(a)anthracene	21.20	228	955293	20.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	545602	19.84	ng/ul	99
82) Chrysene	21.25	228	883712	20.38	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1015138	21.49	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1018907	21.03	ng/ul	100
86) Benzo(k)fluoranthene	22.80	252	940351	20.64	ng/ul	99
88) Benzo(a)pyrene	23.32	252	981745	21.16	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.61	276	1134542	21.01	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	949769	21.17	ng/ul	100
91) Benzo(g,h,i)perylene	26.28	276	977483	20.49	ng/ul	99

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

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