Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050216\
Data File : BM005200.D
Acq On : 02 May 2016 20:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Quant Time: May 03 03:25:30 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 03:20:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	36765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	172101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	107349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	243254	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	227735	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	183038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6526	9.02	ng/uL	0.00
5) Phenol-d5	6.96	99	67757	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	40350	23.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	52829	21.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	56038	21.73	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	27081	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	30290	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	55988	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	74789	25.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	182402	21.51	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	221410	21.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	28819	19.45	ng/ul	0.00
57) Fluorene-d10	15.42	176	158517	21.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	26253	18.97	ng/ul	0.00
70) Anthracene-d10	17.27	188	241853	22.17	ng/ul	0.00
76) Pyrene-d10	19.57	212	256454	24.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	178816	21.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	11631	8.67	ng/uL	94
4) Benzaldehyde	6.93	77	41768	27.66	ng/ul	97
6) Phenol	6.98	94	72006	22.71	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.21	93	55530	22.85	ng/ul	98
10) 2-Chlorophenol	7.35	128	54232	21.93	ng/ul	98
11) 2-Methylphenol	8.23	108	54621	22.07	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	74759	23.78	ng/ul	98
14) Acetophenone	8.60	105	88756	22.87	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	45122	23.22	ng/ul	98
16) 4-Methylphenol	8.55	108	61582	22.36	ng/ul	99
17) Hexachloroethane	8.86	117	21277	21.61	ng/ul	97
20) Nitrobenzene	8.99	77	66478	22.67	ng/ul	98
21) Isophorone	9.50	82	127180	22.83	ng/ul	98
23) 2-Nitrophenol	9.69	139	32734	22.65	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	67438	21.67	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	78959	22.81	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	57565	22.17	ng/ul	96
28) Naphthalene	10.62	128	187627	21.62	ng/ul	100
30) 4-Chloroaniline	10.74	127	76208	25.28	ng/ul	99
31) Hexachlorobutadiene	10.90	225	34985	20.42	ng/ul	97
32) Caprolactam	11.49	113	17862	19.89	ng/ul	83
33) 4-Chloro-3-methylphenol	11.86	107	65922	22.20	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	139839	21.76	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	72283	21.55 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	35837	18.01 ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	46637	21.86 ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	52184	21.84 ng/ul	98
40) 1,1'-Biphenyl	13.26	154	186252	21.93 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	141081	21.84 ng/ul	99
42) 2-Nitroaniline	13.51	65	42139	24.05 ng/ul	97
44) Dimethylphthalate	13.88	163	182738	21.49 ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	37200	22.65 ng/ul	92
47) Acenaphthylene	14.15	152	235560	22.05 ng/ul	99
48) 3-Nitroaniline	14.33	138	38766	23.21 ng/ul	98
49) Acenaphthene	14.49	153	153535	21.84 ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	13459	14.04 ng/ul	96
52) 4-Nitrophenol	14.65	109	25517	19.26 ng/ul	95
53) Dibenzofuran	14.83	168	223453	21.56 ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	54104	21.69 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	42981	20.72 ng/ul	98
56) Diethylphthalate	15.25	149	184075	21.45 ng/ul	100
58) Fluorene	15.47	166	175815	21.85 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	87268	21.49 ng/ul	98
60) 4-Nitroaniline	15.50	138	38443	21.34 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	27808	19.08 ng/ul#	95
64) N-Nitrosodiphenylamine	15.69	169	153954	23.02 ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	53112	22.37 ng/ul	98
66) Hexachlorobenzene	16.48	284	58086	21.48 ng/ul	98
67) Atrazine	16.63	200	56254	22.83 ng/ul	97
68) Pentachlorophenol	16.83	266	29712	19.05 ng/ul	97
69) Phenanthrene	17.22	178	286365	22.12 ng/ul	99
71) Anthracene	17.31	178	288589	22.11 ng/ul	100
72) Carbazole	17.58	167	258723	23.12 ng/ul	99
73) Di-n-butylphthalate	18.14	149	308465	23.54 ng/ul	100
74) Fluoranthene	19.23	202	320467	22.49 ng/ul	99
77) Pyrene	19.60	202	326786	24.84 ng/ul	99
78) Butylbenzylphthalate	20.50	149	131202	25.93 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	91271	22.41 ng/ul	99
80) Benzo(a)anthracene	21.35	228	286004	21.94 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	186481	26.24 ng/ul	100
82) Chrysene	21.40	228	273145	21.90 ng/ul	100
84) Di-n-octyl phthalate	22.16	149	298665	26.25 ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	243197	22.06 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	236927	22.10 ng/ul	99
88) Benzo(a)pyrene	23.54	252	225328	21.89 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	225156	22.92 ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	189304	23.07 ng/ul	97
91) Benzo(g,h,i)perylene	26.66	276	185283	23.06 ng/ul	99

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

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