Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005500.D
Acq On : 19 May 2016 15:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Quant Time: May 19 16:22:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	46835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	245689	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	180237	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	466041	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	640254	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	874929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7782	6.40	ng/uL	0.00
5) Phenol-d5	6.99	99	85540	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	46919	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	65051	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	75894	19.81	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	33421	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	34344	17.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	78753	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	113055	25.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	299414	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	354879	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	64442	21.20	ng/ul	0.00
57) Fluorene-d10	15.46	176	264013	20.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	45770	18.63	ng/ul	0.00
70) Anthracene-d10	17.30	188	443192	20.68	ng/ul	0.00
76) Pyrene-d10	19.60	212	505507	19.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	772288	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	8626	6.34	ng/uL#	76
4) Benzaldehyde	6.98	77	54303	24.80	ng/ul	97
6) Phenol	7.02	94	93054	19.68	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.26	93	64025	18.73	ng/ul	97
10) 2-Chlorophenol	7.40	128	67797	19.08	ng/ul	98
11) 2-Methylphenol	8.27	108	72159	19.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	86514	17.95	ng/ul	95
14) Acetophenone	8.65	105	117935	20.23	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.63	70	63900	19.58	ng/ul	97
16) 4-Methylphenol	8.59	108	83130	20.13	ng/ul	97
17) Hexachloroethane	8.92	117	24914	19.19	ng/ul	96
20) Nitrobenzene	9.03	77	87393	19.82	ng/ul	100
21) Isophorone	9.55	82	181774	20.15	ng/ul#	95
23) 2-Nitrophenol	9.74	139	38820	18.55	ng/ul	97
24) 2,4-Dimethylphenol	9.80	107	98204	21.15	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	101689	19.04	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	80505	20.72	ng/ul	98
28) Naphthalene	10.68	128	245405	19.67	ng/ul	99
30) 4-Chloroaniline	10.78	127	116568	24.83	ng/ul	95
31) Hexachlorobutadiene	10.96	225	46401	21.03	ng/ul	100
32) Caprolactam	11.53	113	36833	24.88	ng/ul	92
33) 4-Chloro-3-methylphenol	11.90	107	102795	21.48	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	202196	20.61	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	107454	19.63 ng/ul	100
37) Hexachlorocyclopentadiene	12.63	237	48554	16.01 ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	71925	18.97 ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	84301	20.30 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	273830	18.95 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	214233	19.29 ng/ul	97
42) 2-Nitroaniline	13.54	65	69006	19.70 ng/ul	92
44) Dimethylphthalate	13.92	163	308564	20.43 ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	58138	19.99 ng/ul	95
47) Acenaphthylene	14.19	152	367279	20.27 ng/ul	100
48) 3-Nitroaniline	14.36	138	68121	21.97 ng/ul#	97
49) Acenaphthene	14.53	153	251149	20.29 ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	31305	18.47 ng/ul	90
52) 4-Nitrophenol	14.66	109	67072	24.65 ng/ul	81
53) Dibenzofuran	14.87	168	362375	20.08 ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	89631	20.31 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.09	232	79704	20.29 ng/ul#	99
56) Diethylphthalate	15.29	149	323912	20.26 ng/ul	98
58) Fluorene	15.52	166	303142	20.31 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	147649	20.56 ng/ul	96
60) 4-Nitroaniline	15.52	138	82306	22.65 ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.59	198	50422	18.83 ng/ul#	90
64) N-Nitrosodiphenylamine	15.72	169	275280	20.82 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	99272	21.08 ng/ul	97
66) Hexachlorobenzene	16.52	284	116549	21.28 ng/ul	96
67) Atrazine	16.67	200	114448	24.17 ng/ul	100
68) Pentachlorophenol	16.86	266	71024	20.12 ng/ul	93
69) Phenanthrene	17.25	178	528939	19.95 ng/ul	99
71) Anthracene	17.34	178	541053	20.64 ng/ul	98
72) Carbazole	17.61	167	515987	21.73 ng/ul	99
73) Di-n-butylphthalate	18.17	149	583701	19.84 ng/ul	98
74) Fluoranthene	19.26	202	635847	20.51 ng/ul#	92
77) Pyrene	19.62	202	662552	19.31 ng/ul#	93
78) Butylbenzylphthalate	20.53	149	285902	19.63 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.30	252	280426	22.88 ng/ul	99
80) Benzo(a)anthracene	21.37	228	746682	19.85 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	439202	20.16 ng/ul#	95
82) Chrysene	21.42	228	706758	19.86 ng/ul	97
84) Di-n-octyl phthalate	22.20	149	855296	18.42 ng/ul#	43
85) Benzo(b)fluoranthene	22.98	252	977832	19.53 ng/ul#	93
86) Benzo(k)fluoranthene	23.03	252	882650	18.14 ng/ul#	92
88) Benzo(a)pyrene	23.57	252	983649	19.77 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.98	276	1432833	21.87 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.00	278	1199460	22.04 ng/ul	98
91) Benzo(g,h,i)perylene	26.69	276	1246150	21.95 ng/ul#	94

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

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