Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072315\
Data File : BM002014.D
Acq On : 23 Jul 2015 13:16
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Jul 24 01:29:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	71152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	282243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	158263	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	341646	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	383029	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	377618	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	12473	8.58	ng/uL	0.00
5) Phenol-d5	6.79	99	104285	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	56845	17.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	88942	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	82968	17.39	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	41322	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	46083	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	89524	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	99122	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	232271	18.20	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	294664	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	38864	17.98	ng/ul	0.00
57) Fluorene-d10	15.27	176	200908	18.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	40073	18.11	ng/ul	0.00
70) Anthracene-d10	17.12	188	303819	18.94	ng/ul	0.00
78) Pyrene-d10	19.43	212	331824	18.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	365143	19.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	13427	8.75	ng/uL	92
4) Benzaldehyde	6.76	77	47925	17.07	ng/ul	93
6) Phenol	6.82	94	106887	17.82	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	81319	18.40	ng/ul	96
10) 2-Chlorophenol	7.17	128	89079	19.03	ng/ul	97
11) 2-Methylphenol	8.06	108	81354	17.81	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	81805	15.85	ng/ul	96
14) Acetophenone	8.44	105	130993	17.38	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	64512	16.67	ng/ul	96
16) 4-Methylphenol	8.39	108	89355	17.87	ng/ul	96
17) Hexachloroethane	8.68	117	35689	19.09	ng/ul	92
20) Nitrobenzene	8.82	77	96519	18.58	ng/ul	97
21) Isophorone	9.33	82	170995	17.63	ng/ul	99
23) 2-Nitrophenol	9.53	139	49514	19.45	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	96248	17.79	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.82	93	103489	17.78	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	85449	18.53	ng/ul	98
28) Naphthalene	10.45	128	272197	19.10	ng/ul	99
30) 4-Chloroaniline	10.57	127	100591	20.03	ng/ul	94
31) Hexachlorobutadiene	10.73	225	62658	18.95	ng/ul	99
32) Caprolactam	11.33	113	36626	16.81	ng/ul	90
33) 4-Chloro-3-methylphenol	11.70	107	85638	16.93	ng/ul	100
34) 2-Methylnaphthalene	12.07	142	192097	18.11	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	110366	19.53	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	55806	17.18	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	69565	19.67	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	74161	19.25	ng/ul	100
40) 1,1'-Biphenyl	13.10	154	248821	19.59	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	194033	19.61	ng/ul	99
42) 2-Nitroaniline	13.36	65	49952	17.92	ng/ul	90
44) Dimethylphthalate	13.73	163	235104	18.11	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	49354	18.46	ng/ul	98
47) Acenaphthylene	14.00	152	301247	19.23	ng/ul	100
48) 3-Nitroaniline	14.19	138	47308	20.02	ng/ul	94
49) Acenaphthene	14.34	153	198735	18.92	ng/ul	99
50) 2,4-Dinitrophenol	14.41	184	27307	16.94	ng/ul	88
52) 4-Nitrophenol	14.51	109	33258	16.69	ng/ul	92
53) Dibenzofuran	14.67	168	282337	18.71	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	69281	17.85	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.91	232	61911	18.17	ng/ul#	98
56) Diethylphthalate	15.11	149	226073	17.57	ng/ul	98
58) Fluorene	15.33	166	232163	18.35	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	123980	18.08	ng/ul	99
60) 4-Nitroaniline	15.36	138	46377	18.65	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	43185	18.40	ng/ul	95
64) N-Nitrosodiphenylamine	15.54	169	197722	19.37	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	73882	18.92	ng/ul	98
66) Hexachlorobenzene	16.33	284	81267	18.79	ng/ul	99
67) Atrazine	16.50	200	76017	18.88	ng/ul	99
68) Pentachlorophenol	16.68	266	43389	16.27	ng/ul	98
69) Phenanthrene	17.07	178	351264	18.98	ng/ul	99
71) Anthracene	17.16	178	363907	19.06	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	108755	20.78	ng/uL	99
73) Pentachlorobenzene	14.60	250	99009	19.43	ng/uL	98
74) Carbazole	17.43	167	318416	19.35	ng/ul	100
75) Di-n-butylphthalate	17.99	149	373441	18.81	ng/ul	99
76) Fluoranthene	19.09	202	417150	19.28	ng/ul	99
79) Pyrene	19.46	202	433027	18.90	ng/ul	98
80) Butylbenzylphthalate	20.36	149	172254	19.77	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.15	252	153939	21.67	ng/ul	99
82) Benzo(a)anthracene	21.21	228	434171	19.05	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	250065	19.58	ng/ul	98
84) Chrysene	21.26	228	404582	18.95	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	430954	18.33	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	417058	18.02	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	421883	18.96	ng/ul#	99
90) Benzo(a)pyrene	23.34	252	415710	19.12	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	484322	21.22	ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	412988	21.39	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	407166	21.71	ng/ul	98

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

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