Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001489.D
Acq On : 31 May 2015 00:17
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: May 31 04:27:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 04:25:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	161791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	674389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	369262	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	720691	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	690559	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	617273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.80	96	24636	7.60	ng/uL	0.00
5) Phenol-d5	6.58	99	249140	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	150852	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	211086	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	203397	20.13	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	95954	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	113216	22.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	215685	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	267815	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	511773	19.76	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	741589	21.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	92877	17.59	ng/ul	0.00
57) Fluorene-d10	15.07	176	484848	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	51228	11.55	ng/ul	0.00
70) Anthracene-d10	16.92	188	682290	20.54	ng/ul	0.00
76) Pyrene-d10	19.22	212	683284	22.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	568376	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	27558	7.59	ng/uL	86
4) Benzaldehyde	6.52	77	168348	26.98	ng/ul	96
6) Phenol	6.61	94	258838	20.41	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.82	93	200486	19.92	ng/ul	100
10) 2-Chlorophenol	6.95	128	217131	21.31	ng/ul	98
11) 2-Methylphenol	7.85	108	203589	20.62	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	360170	19.28	ng/ul	98
14) Acetophenone	8.20	105	327087	19.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.19	70	162724	20.69	ng/ul#	98
16) 4-Methylphenol	8.18	108	217821	20.16	ng/ul	98
17) Hexachloroethane	8.44	117	78538	18.20	ng/ul	97
20) Nitrobenzene	8.58	77	242662	20.73	ng/ul	95
21) Isophorone	9.10	82	426489	20.82	ng/ul	99
23) 2-Nitrophenol	9.29	139	119990	21.61	ng/ul	98
24) 2,4-Dimethylphenol	9.37	107	241788	20.51	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.59	93	266195	20.38	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	206296	20.93	ng/ul	98
28) Naphthalene	10.21	128	691033	19.93	ng/ul	100
30) 4-Chloroaniline	10.33	127	268930	22.27	ng/ul	98
31) Hexachlorobutadiene	10.50	225	131022	20.08	ng/ul	99
32) Caprolactam	11.08	113	61017	18.85	ng/ul	92
33) 4-Chloro-3-methylphenol	11.49	107	211974	19.96	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	490108	19.59	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	244421	21.97 ng/ul	98
37) Hexachlorocyclopentadiene	12.20	237	33308	5.21 ng/ul	98
38) 2,4,6-Trichlorophenol	12.48	196	160289	23.46 ng/ul	96
39) 2,4,5-Trichlorophenol	12.56	196	172022	22.86 ng/ul	95
40) 1,1'-Biphenyl	12.89	154	626403	21.18 ng/ul	99
41) 2-Chloronaphthalene	12.92	162	483868	21.09 ng/ul	100
42) 2-Nitroaniline	13.14	65	144346	22.83 ng/ul	95
44) Dimethylphthalate	13.53	163	576154	19.71 ng/ul	98
45) 2,6-Dinitrotoluene	13.66	165	118739	21.51 ng/ul	97
47) Acenaphthylene	13.78	152	764976	20.41 ng/ul	99
48) 3-Nitroaniline	13.99	138	125239	21.14 ng/ul	96
49) Acenaphthene	14.13	153	504632	20.02 ng/ul	100
50) 2,4-Dinitrophenol	14.20	184	31342	8.92 ng/ul	96
52) 4-Nitrophenol	14.33	109	77055	17.00 ng/ul	99
53) Dibenzofuran	14.47	168	700452	19.41 ng/ul	98
54) 2,4-Dinitrotoluene	14.45	165	163403	19.33 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.71	232	132297	20.15 ng/ul#	99
56) Diethylphthalate	14.91	149	567945	18.67 ng/ul	99
58) Fluorene	15.12	166	578621	18.96 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.12	204	276030	18.55 ng/ul	98
60) 4-Nitroaniline	15.16	138	115392	18.28 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.22	198	55430	11.55 ng/ul#	95
64) N-Nitrosodiphenylamine	15.34	169	470270	22.44 ng/ul	100
65) 4-Bromophenyl-phenylether	16.02	248	156125	21.97 ng/ul	98
66) Hexachlorobenzene	16.13	284	166997	20.92 ng/ul	99
67) Atrazine	16.30	200	156187	20.45 ng/ul	98
68) Pentachlorophenol	16.49	266	86345	18.57 ng/ul	95
69) Phenanthrene	16.86	178	808956	20.16 ng/ul	99
71) Anthracene	16.95	178	844004	20.38 ng/ul	99
72) Carbazole	17.23	167	737036	19.15 ng/ul	100
73) Di-n-butylphthalate	17.80	149	912037	20.50 ng/ul	99
74) Fluoranthene	18.89	202	888176	18.27 ng/ul	100
77) Pyrene	19.25	202	929786	22.52 ng/ul	98
78) Butylbenzylphthalate	20.17	149	387078	23.78 ng/ul	96
79) 3,3'-Dichlorobenzidine	20.95	252	281987	21.31 ng/ul	99
80) Benzo(a)anthracene	21.01	228	833365	20.66 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	20.96	149	571437	22.20 ng/ul	99
82) Chrysene	21.06	228	772681	20.35 ng/ul	99
84) Di-n-octyl phthalate	21.80	149	949905	20.87 ng/ul	100
85) Benzo(b)fluoranthene	22.50	252	792720	20.98 ng/ul	98
86) Benzo(k)fluoranthene	22.54	252	714374	19.74 ng/ul	100
88) Benzo(a)pyrene	23.03	252	724442	20.43 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	803189	21.52 ng/ul	99
90) Dibenzo(a,h)anthracene	25.18	278	677831	21.63 ng/ul	99
91) Benzo(g,h,i)perylene	25.80	276	676548	21.96 ng/ul	98

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

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