Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006524.D
Acq On : 19 Jul 2016 15:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Jul 20 04:22:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	573280	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	322748	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	716998	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	836496	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	889750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	26975	8.25	ng/uL	0.00
5) Phenol-d5	6.79	99	237549	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	147721	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	186690	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	183761	20.51	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	85125	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	92936	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	177433	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	226142	23.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	503368	19.06	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	651881	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	85509	18.63	ng/ul	0.00
57) Fluorene-d10	15.26	176	448567	19.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75710	18.25	ng/ul	0.00
70) Anthracene-d10	17.12	188	691122	20.39	ng/ul	0.00
76) Pyrene-d10	19.42	212	777490	20.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	820920	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	28772	8.22	ng/uL#	22
4) Benzaldehyde	6.76	77	159102	23.36	ng/ul	98
6) Phenol	6.82	94	256146	21.55	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	193943	22.14	ng/ul	98
10) 2-Chlorophenol	7.18	128	193074	20.58	ng/ul	98
11) 2-Methylphenol	8.06	108	183955	20.78	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	279570	19.63	ng/ul	99
14) Acetophenone	8.43	105	290224	20.57	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	151853	20.40	ng/ul	98
16) 4-Methylphenol	8.39	108	204566	21.38	ng/ul	97
17) Hexachloroethane	8.68	117	79565	19.93	ng/ul	95
20) Nitrobenzene	8.81	77	229338	19.82	ng/ul	98
21) Isophorone	9.33	82	408237	19.76	ng/ul	100
23) 2-Nitrophenol	9.52	139	104577	19.36	ng/ul	99
24) 2,4-Dimethylphenol	9.58	107	225082	19.27	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	258984	20.96	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	176564	18.88	ng/ul	99
28) Naphthalene	10.45	128	589332	20.25	ng/ul	99
30) 4-Chloroaniline	10.56	127	237723	23.54	ng/ul	99
31) Hexachlorobutadiene	10.73	225	113739	17.81	ng/ul	96
32) Caprolactam	11.31	113	55547	18.70	ng/ul	96
33) 4-Chloro-3-methylphenol	11.69	107	195157	18.63	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	424467	19.36	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	218029	19.26 ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	92457	15.51 ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	137467	18.70 ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	145644	19.23 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	541236	20.33 ng/ul	99
41) 2-Chloronaphthalene	13.13	162	417212	20.04 ng/ul	98
42) 2-Nitroaniline	13.34	65	136099	19.11 ng/ul	96
44) Dimethylphthalate	13.73	163	512146	19.11 ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	102542	19.26 ng/ul	98
47) Acenaphthylene	13.99	152	692856	20.37 ng/ul	100
48) 3-Nitroaniline	14.18	138	112773	22.48 ng/ul	96
49) Acenaphthene	14.33	153	437229	19.98 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	42099	13.91 ng/ul	97
52) 4-Nitrophenol	14.50	109	84463	16.26 ng/ul	96
53) Dibenzofuran	14.67	168	632899	19.87 ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	153110	19.24 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	125722	18.32 ng/ul#	99
56) Diethylphthalate	15.10	149	527679	18.66 ng/ul	97
58) Fluorene	15.32	166	503107	19.74 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	246767	19.04 ng/ul	99
60) 4-Nitroaniline	15.35	138	125762	21.14 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	82535	18.69 ng/ul#	97
64) N-Nitrosodiphenylamine	15.53	169	447574	21.25 ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	156734	19.62 ng/ul	97
66) Hexachlorobenzene	16.33	284	176096	19.77 ng/ul	98
67) Atrazine	16.49	200	162388	20.86 ng/ul	97
68) Pentachlorophenol	16.67	266	78750	18.39 ng/ul	97
69) Phenanthrene	17.06	178	817115	20.73 ng/ul	99
71) Anthracene	17.15	178	846177	20.87 ng/ul	99
72) Carbazole	17.43	167	757955	22.10 ng/ul	100
73) Di-n-butylphthalate	17.99	149	893851	19.06 ng/ul	100
74) Fluoranthene	19.08	202	972182	21.22 ng/ul	100
77) Pyrene	19.44	202	1040055	20.82 ng/ul	99
78) Butylbenzylphthalate	20.36	149	418398	19.05 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	341253	20.94 ng/ul	98
80) Benzo(a)anthracene	21.20	228	1037090	20.31 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	590721	19.37 ng/ul	100
82) Chrysene	21.26	228	959980	19.97 ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1095660	21.13 ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1068549	20.09 ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1026959	20.53 ng/ul	100
88) Benzo(a)pyrene	23.32	252	1043747	20.49 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1208346	20.39 ng/ul	99
90) Dibenzo(a,h)anthracene	25.62	278	1015020	20.61 ng/ul	98
91) Benzo(g,h,i)perylene	26.29	276	1031834	19.70 ng/ul	98

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

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