Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072716\
Data File : BM006683.D
Acq On : 27 Jul 2016 11:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Quant Time: Jul 27 12:04:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	134786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	586131	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	338796	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	766561	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	871578	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	917483	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	27147	7.83	ng/uL	0.00
5) Phenol-d5	6.79	99	240951	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	150027	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	185288	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	189265	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	89805	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	97177	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	180341	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	200214	21.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	539282	19.95	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	689559	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	88655	19.06	ng/ul	0.00
57) Fluorene-d10	15.26	176	473097	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	80963	19.38	ng/ul	0.00
70) Anthracene-d10	17.11	188	725634	20.29	ng/ul	0.00
76) Pyrene-d10	19.42	212	806453	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	854990	20.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27425	7.69	ng/uL#	27
4) Benzaldehyde	6.76	77	154192	20.37	ng/ul	97
6) Phenol	6.82	94	256308	20.47	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.04	93	197483	20.87	ng/ul	99
10) 2-Chlorophenol	7.17	128	194055	20.42	ng/ul	100
11) 2-Methylphenol	8.06	108	188477	20.10	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.14	45	282064	20.54	ng/ul	99
14) Acetophenone	8.43	105	301159	20.80	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.41	70	163280	20.63	ng/ul	95
16) 4-Methylphenol	8.39	108	207554	20.82	ng/ul	94
17) Hexachloroethane	8.67	117	81061	20.12	ng/ul	97
20) Nitrobenzene	8.80	77	233529	20.18	ng/ul	99
21) Isophorone	9.32	82	430811	19.80	ng/ul	99
23) 2-Nitrophenol	9.51	139	106441	19.87	ng/ul	97
24) 2,4-Dimethylphenol	9.57	107	227430	19.94	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	271904	20.31	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	182810	20.57	ng/ul	98
28) Naphthalene	10.43	128	595673	20.33	ng/ul	99
30) 4-Chloroaniline	10.56	127	206586	22.01	ng/ul	99
31) Hexachlorobutadiene	10.72	225	113870	20.32	ng/ul	96
32) Caprolactam	11.30	113	62122	19.16	ng/ul	98
33) 4-Chloro-3-methylphenol	11.69	107	209393	20.15	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	444357	20.63	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.43	216	225938	20.74	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	77565	16.61	ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	142686	19.56	ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	149420	19.78	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	568006	20.60	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	433499	20.27	ng/ul	100
42) 2-Nitroaniline	13.34	65	148242	19.80	ng/ul	95
44) Dimethylphthalate	13.72	163	542108	20.04	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	108837	19.33	ng/ul	99
47) Acenaphthylene	13.98	152	724223	20.47	ng/ul	99
48) 3-Nitroaniline	14.18	138	106135	20.92	ng/ul	94
49) Acenaphthene	14.33	153	462074	20.49	ng/ul	100
50) 2,4-Dinitrophenol	14.40	184	44529	15.97	ng/ul	95
52) 4-Nitrophenol	14.50	109	84556	20.06	ng/ul	97
53) Dibenzofuran	14.66	168	657574	20.47	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	161891	20.45	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.90	232	127374	20.05	ng/ul	98
56) Diethylphthalate	15.09	149	561417	19.63	ng/ul	100
58) Fluorene	15.32	166	533355	20.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	259937	20.55	ng/ul	99
60) 4-Nitroaniline	15.35	138	126240	19.75	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.42	198	87177	19.40	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	472259	20.57	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	166962	20.41	ng/ul	95
66) Hexachlorobenzene	16.32	284	182944	20.52	ng/ul	97
67) Atrazine	16.49	200	166115	20.33	ng/ul	99
68) Pentachlorophenol	16.67	266	71300	17.95	ng/ul	98
69) Phenanthrene	17.06	178	858539	20.66	ng/ul	99
71) Anthracene	17.14	178	890378	20.73	ng/ul	99
72) Carbazole	17.42	167	799688	21.28	ng/ul	100
73) Di-n-butylphthalate	17.99	149	976953	19.33	ng/ul	100
74) Fluoranthene	19.08	202	1013700	21.53	ng/ul	99
77) Pyrene	19.44	202	1069397	20.09	ng/ul	99
78) Butylbenzylphthalate	20.35	149	458718	18.72	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	313370	21.05	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1057829	20.34	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	662434	18.78	ng/ul	100
82) Chrysene	21.25	228	986998	20.83	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1211514	20.70	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1097531	20.23	ng/ul	98
86) Benzo(k)fluoranthene	22.80	252	1055133	21.21	ng/ul	100
88) Benzo(a)pyrene	23.32	252	1077548	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1253704	20.67	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1046220	20.73	ng/ul	98
91) Benzo(g,h,i)perylene	26.29	276	1073762	20.49	ng/ul	98

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

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