Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
Data File : BM006692.D
Acq On : 27 Jul 2016 17:34
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Manual Integrations APPROVED
sohil
7/28/2016 4:52:37 PM

Quant Time: Jul 28 04:11:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 01:25:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	134404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	584155	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	338395	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	764932	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	872311	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	921163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	26589	7.69	ng/uL	0.00
5) Phenol-d5	6.79	99	244705	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	150281	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	186507	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	189013	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	89755	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	97371	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	179749	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	204361	22.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	536980	19.89	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	688021	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	90875	19.56	ng/ul	0.00
57) Fluorene-d10	15.26	176	473725	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	79301	19.02	ng/ul	0.00
70) Anthracene-d10	17.11	188	730454	20.46	ng/ul	0.00
76) Pyrene-d10	19.42	212	808773	19.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	847583	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27866	7.83	ng/uL#	29
4) Benzaldehyde	6.76	77	152665	20.23	ng/ul	97
6) Phenol	6.82	94	259949	20.82	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.04	93	196008	20.78	ng/ul	99
10) 2-Chlorophenol	7.17	128	189386	19.98	ng/ul	98
11) 2-Methylphenol	8.06	108	190397	20.36	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.14	45	279181	20.39	ng/ul	99
14) Acetophenone	8.43	105	312849	21.67	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	160984	20.39	ng/ul	99
16) 4-Methylphenol	8.38	108	208288	20.96	ng/ul	98
17) Hexachloroethane	8.67	117	79278	19.73	ng/ul	98
20) Nitrobenzene	8.80	77	238362	20.67	ng/ul	97
21) Isophorone	9.32	82	430552	19.86	ng/ul	99
23) 2-Nitrophenol	9.51	139	107373	20.11	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	229181	20.16	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.81	93	267884	20.08	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	181352	20.48	ng/ul	98
28) Naphthalene	10.43	128	595718	20.40	ng/ul	98
30) 4-Chloroaniline	10.56	127	212584	22.72	ng/ul	97
31) Hexachlorobutadiene	10.72	225	113169	20.26	ng/ul	98
32) Caprolactam	11.31	113	61318m	18.98	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	212299	20.49	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	445095	20.74	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	222031	20.41	ng/ul	100
37) Hexachlorocyclopentadiene	12.40	237	81478	17.47	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	143419	19.68	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	144739	19.18	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	564392	20.49	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	436456	20.44	ng/ul	99
42) 2-Nitroaniline	13.34	65	147307	19.70	ng/ul	96
44) Dimethylphthalate	13.72	163	543073	20.10	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	109792	19.53	ng/ul	99
47) Acenaphthylene	13.98	152	719786	20.36	ng/ul	99
48) 3-Nitroaniline	14.18	138	107064	21.13	ng/ul	94
49) Acenaphthene	14.33	153	461552	20.49	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	43372	15.57	ng/ul	88
52) 4-Nitrophenol	14.50	109	81541	19.36	ng/ul	95
53) Dibenzofuran	14.66	168	656356	20.45	ng/ul	98
54) 2,4-Dinitrotoluene	14.64	165	163099	20.63	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	128180	20.20	ng/ul	97
56) Diethylphthalate	15.09	149	558415	19.54	ng/ul	99
58) Fluorene	15.32	166	533717	20.57	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	256004	20.26	ng/ul	98
60) 4-Nitroaniline	15.34	138	134271	21.03	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.42	198	88066	19.64	ng/ul	100
64) N-Nitrosodiphenylamine	15.53	169	465047	20.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	166226	20.36	ng/ul	97
66) Hexachlorobenzene	16.32	284	182957	20.57	ng/ul	98
67) Atrazine	16.48	200	166174	20.38	ng/ul	100
68) Pentachlorophenol	16.67	266	76598	19.32	ng/ul	96
69) Phenanthrene	17.06	178	862934	20.81	ng/ul	100
71) Anthracene	17.14	178	893598	20.85	ng/ul	100
72) Carbazole	17.42	167	797078	21.26	ng/ul	100
73) Di-n-butylphthalate	17.99	149	975931	19.35	ng/ul	99
74) Fluoranthene	19.08	202	1016524	21.64	ng/ul	100
77) Pyrene	19.44	202	1073019	20.15	ng/ul	99
78) Butylbenzylphthalate	20.35	149	459187	18.72	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	311747	20.93	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1050301	20.18	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	650007	18.41	ng/ul	99
82) Chrysene	21.26	228	976292	20.59	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1194313	20.33	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1077599	19.78	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1067973	21.38	ng/ul	99
88) Benzo(a)pyrene	23.33	252	1061227	20.43	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.63	276	1246690	20.48	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1033696	20.40	ng/ul	98
91) Benzo(g,h,i)perylene	26.30	276	1051820	19.99	ng/ul	99

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

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