Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM080516\
Data File : BM006893.D
Acq On : 05 Aug 2016 10:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Manual Integrations APPROVED
sohil
8/8/2016 7:01:09 PM

Quant Time: Aug 06 00:31:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	114188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	462515	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	287019	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	677342	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	767827	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	712352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	17958	8.65	ng/uL	0.00
5) Phenol-d5	6.79	99	167636	19.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	115807	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	136326	20.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	135879	19.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	66917	21.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	75982	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	144233	18.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	174159m	21.66	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	477844	20.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	585049	20.26	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.53	143	96902m	18.69	ng/ul	0.00
57) Fluorene-d10	15.22	176	417852	19.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	70456	15.94	ng/ul	0.00
70) Anthracene-d10	17.07	188	654071	20.11	ng/ul	0.00
76) Pyrene-d10	19.38	212	729282	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	676308	19.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	18569	8.04	ng/uL	92
4) Benzaldehyde	6.73	77	123932	21.94	ng/ul	96
6) Phenol	6.81	94	184923	20.77	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.00	93	135479	21.31	ng/ul	96
10) 2-Chlorophenol	7.15	128	146684	21.92	ng/ul	93
11) 2-Methylphenol	8.04	108	141662	20.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	275513	19.63	ng/ul	99
14) Acetophenone	8.39	105	237633	19.58	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.37	70	128218	21.34	ng/ul	93
16) 4-Methylphenol	8.37	108	147591	19.65	ng/ul	86
17) Hexachloroethane	8.61	117	71415	20.48	ng/ul#	75
20) Nitrobenzene	8.77	77	211991	21.26	ng/ul#	96
21) Isophorone	9.28	82	334623	21.23	ng/ul	98
23) 2-Nitrophenol	9.47	139	82648	21.00	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	194309	19.95	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	182513	21.35	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	137097	18.51	ng/ul	89
28) Naphthalene	10.39	128	468496	20.39	ng/ul	97
30) 4-Chloroaniline	10.53	127	181101	22.32	ng/ul	95
31) Hexachlorobutadiene	10.66	225	119577	17.15	ng/ul	96
32) Caprolactam	11.34	113	39948m	19.10	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	167636	20.38	ng/ul	95
34) 2-Methylnaphthalene	12.01	142	364406	19.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	213274	18.85	ng/ul	92
37) Hexachlorocyclopentadiene	12.35	237	85348	13.59	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.66	196	132126	19.09	ng/ul	98
39) 2,4,5-Trichlorophenol	12.75	196	124747	18.73	ng/ul	89
40) 1,1'-Biphenyl	13.04	154	480583	20.53	ng/ul	98
41) 2-Chloronaphthalene	13.08	162	369579	20.13	ng/ul	98
42) 2-Nitroaniline	13.33	65	139321	20.72	ng/ul	91
44) Dimethylphthalate	13.69	163	469130	19.96	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	93588	20.49	ng/ul	91
47) Acenaphthylene	13.93	152	592382	20.25	ng/ul#	94
48) 3-Nitroaniline	14.17	138	86581	22.40	ng/ul#	79
49) Acenaphthene	14.28	153	386385	20.21	ng/ul	94
50) 2,4-Dinitrophenol	14.40	184	39243	13.90	ng/ul#	87
52) 4-Nitrophenol	14.53	109	105903	15.17	ng/ul	99
53) Dibenzofuran	14.62	168	573820	19.37	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	142521	19.65	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.87	232	126214	17.77	ng/ul#	92
56) Diethylphthalate	15.06	149	493829	20.21	ng/ul	99
58) Fluorene	15.27	166	475935	19.10	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	250315	17.89	ng/ul	99
60) 4-Nitroaniline	15.35	138	91311m	22.64	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.39	198	76162	16.66	ng/ul#	94
64) N-Nitrosodiphenylamine	15.49	169	409820	21.13	ng/ul	97
65) 4-Bromophenyl-phenylether	16.16	248	158810	19.11	ng/ul	97
66) Hexachlorobenzene	16.28	284	178451	19.78	ng/ul	98
67) Atrazine	16.45	200	156909	18.91	ng/ul	98
68) Pentachlorophenol	16.64	266	81259	16.30	ng/ul	96
69) Phenanthrene	17.02	178	758994	20.31	ng/ul	99
71) Anthracene	17.11	178	784799	20.35	ng/ul	98
72) Carbazole	17.40	167	652483	19.86	ng/ul	98
73) Di-n-butylphthalate	17.94	149	778334	21.86	ng/ul	98
74) Fluoranthene	19.04	202	909722	19.01	ng/ul#	95
77) Pyrene	19.41	202	953206	18.88	ng/ul#	94
78) Butylbenzylphthalate	20.32	149	353969	20.36	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.11	252	281742	20.01	ng/ul	95
80) Benzo(a)anthracene	21.17	228	917415	19.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	496453	20.81	ng/ul#	96
82) Chrysene	21.22	228	820105	19.95	ng/ul	97
84) Di-n-octyl phthalate	21.95	149	832463	19.02	ng/ul#	88
85) Benzo(b)fluoranthene	22.72	252	870443	19.39	ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	886499	20.23	ng/ul#	96
88) Benzo(a)pyrene	23.27	252	832605	19.52	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.55	276	980919	19.34	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.56	278	832362	19.04	ng/ul#	96
91) Benzo(g,h,i)perylene	26.22	276	795695	19.39	ng/ul#	95

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

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