Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080216\
Data File : BM006848.D
Acq On : 03 Aug 2016 00:33
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
sohil
8/3/2016 4:51:39 PM

Quant Time: Aug 03 05:27:17 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 03 04:41:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	29255	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.36	136	114331	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.24	164	73043	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.00	188	181035	20.00	ng/ul	-0.02
75) Chrysene-d12	21.20	240	226986	20.00	ng/ul	-0.02
83) Perylene-d12	23.41	264	255270	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4934m	6.55	ng/uL	-0.04
5) Phenol-d5	6.83	99	41866	16.28	ng/ul	-0.05
7) Bis-(2-Chloroethyl)ether-d	6.94	67	26339	16.68	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.14	132	36285	17.99	ng/ul	-0.03
13) 4-Methylphenol-d8	8.35	113	33258	16.49	ng/ul	-0.04
19) Nitrobenzene-d5	8.76	128	15732	17.82	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.47	143	18030	18.91	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	37238	21.30	ng/ul	-0.03
29) 4-Chloroaniline-d4	10.54	131	39222	22.08	ng/ul	-0.04
43) Dimethylphthalate-d6	13.67	166	122004	20.93	ng/ul	-0.04
46) Acenaphthylene-d8	13.93	160	147496	20.13	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.56	143	24770	24.70	ng/ul	-0.05
57) Fluorene-d10	15.24	176	108343	21.43	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.40	200	21254	21.54	ng/ul	-0.02
70) Anthracene-d10	17.10	188	175036	20.72	ng/ul	-0.02
76) Pyrene-d10	19.40	212	210291	19.97	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.26	264	238303	20.63	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5284	6.82	ng/uL#	1
4) Benzaldehyde	6.76	77	27711	16.87	ng/ul	96
6) Phenol	6.85	94	44997	16.56	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.03	93	31957	15.56	ng/ul	92
10) 2-Chlorophenol	7.17	128	37110	17.99	ng/ul	98
11) 2-Methylphenol	8.08	108	33880	16.65	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	61255	20.55	ng/ul	99
14) Acetophenone	8.43	105	57277	18.23	ng/ul#	66
15) N-Nitroso-di-n-propylamine	8.41	70	28794	16.76	ng/ul#	74
16) 4-Methylphenol	8.42	108	37568	17.36	ng/ul	95
17) Hexachloroethane	8.64	117	16583	18.96	ng/ul#	71
20) Nitrobenzene	8.80	77	46404	20.56	ng/ul	97
21) Isophorone	9.34	82	76076m	17.93	ng/ul	
23) 2-Nitrophenol	9.50	139	21159	20.25	ng/ul	89
24) 2,4-Dimethylphenol	9.59	107	46521	20.91	ng/ul	86
25) Bis(2-Chloroethoxy)methane	9.80	93	42788	16.39	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	38905	22.44	ng/ul	96
28) Naphthalene	10.41	128	113115	19.79	ng/ul	99
30) 4-Chloroaniline	10.57	127	42051	22.96	ng/ul	98
31) Hexachlorobutadiene	10.68	225	31810	29.10	ng/ul	95
32) Caprolactam	11.47	113	9720m	15.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	38724	19.10	ng/ul	95
34) 2-Methylnaphthalene	12.03	142	87703	20.88	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	56335	23.99	ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	26508	26.33	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	35848	22.79	ng/ul	97
39) 2,4,5-Trichlorophenol	12.78	196	37264	22.88	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	120669	20.30	ng/ul	96
41) 2-Chloronaphthalene	13.10	162	94189	20.43	ng/ul	99
42) 2-Nitroaniline	13.36	65	30182	18.70	ng/ul	87
44) Dimethylphthalate	13.72	163	122682	21.04	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	24183	19.93	ng/ul	92
47) Acenaphthylene	13.96	152	150573	19.74	ng/ul	99
48) 3-Nitroaniline	14.20	138	20341	18.60	ng/ul	94
49) Acenaphthene	14.30	153	97857	20.12	ng/ul	100
50) 2,4-Dinitrophenol	14.42	184	13479	22.42	ng/ul	98
52) 4-Nitrophenol	14.57	109	25468	28.02	ng/ul#	66
53) Dibenzofuran	14.65	168	147760	21.33	ng/ul	93
54) 2,4-Dinitrotoluene	14.65	165	37037	21.70	ng/ul#	47
55) 2,3,4,6-Tetrachlorophenol	14.90	232	35915	26.22	ng/ul	92
56) Diethylphthalate	15.09	149	120584	19.55	ng/ul	99
58) Fluorene	15.30	166	120439	21.51	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	64443	23.63	ng/ul	94
60) 4-Nitroaniline	15.39	138	21239m	15.41	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.42	198	21615	20.37	ng/ul#	87
64) N-Nitrosodiphenylamine	15.52	169	103842	19.15	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	42510	22.00	ng/ul	95
66) Hexachlorobenzene	16.30	284	47770	22.69	ng/ul	96
67) Atrazine	16.49	200	41253	21.37	ng/ul	93
68) Pentachlorophenol	16.67	266	24473	26.09	ng/ul	97
69) Phenanthrene	17.04	178	199712	20.35	ng/ul	98
71) Anthracene	17.13	178	206241	20.34	ng/ul	100
72) Carbazole	17.43	167	173175	19.52	ng/ul	99
73) Di-n-butylphthalate	17.97	149	204580	17.14	ng/ul#	98
74) Fluoranthene	19.07	202	258212	23.23	ng/ul#	89
77) Pyrene	19.43	202	269839	19.47	ng/ul#	87
78) Butylbenzylphthalate	20.34	149	102072	15.99	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	86552	22.33	ng/ul#	97
80) Benzo(a)anthracene	21.19	228	271954	20.08	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	146418	15.94	ng/ul#	99
82) Chrysene	21.24	228	242795	19.68	ng/ul	100
84) Di-n-octyl phthalate	21.98	149	270414	16.61	ng/ul#	91
85) Benzo(b)fluoranthene	22.74	252	299770	19.86	ng/ul#	97
86) Benzo(k)fluoranthene	22.79	252	293716	21.22	ng/ul#	95
88) Benzo(a)pyrene	23.31	252	294971	20.49	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	362757	21.50	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.61	278	303119	21.58	ng/ul#	95
91) Benzo(g,h,i)perylene	26.29	276	294514	20.20	ng/ul#	90

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

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