Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005251.D
Acq On : 06 May 2016 01:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
sohil
5/6/2016 7:15:20 PM

Quant Time: May 06 05:36:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	86236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	410045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	262583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	645225	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	741653	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	729745	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	14211	7.75	ng/uL	0.00
5) Phenol-d5	6.95	99	156211	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	88694	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	119016	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	129003	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	60873	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	69001	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	128979	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	176220	23.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	428972	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	516749	20.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	79600	20.72	ng/ul	0.00
57) Fluorene-d10	15.41	176	374860	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	75551	20.82	ng/ul	0.00
70) Anthracene-d10	17.26	188	597931	20.96	ng/ul	0.00
76) Pyrene-d10	19.56	212	697531	20.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	681157	21.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	26364	7.88	ng/uL#	96
4) Benzaldehyde	6.92	77	96811	25.55	ng/ul	98
6) Phenol	6.97	94	163797	20.26	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	122391	20.11	ng/ul	98
10) 2-Chlorophenol	7.34	128	121521	20.11	ng/ul	98
11) 2-Methylphenol	8.22	108	124940	20.00	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	165118	20.00	ng/ul	99
14) Acetophenone	8.59	105	199018	20.78	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	101924	20.37	ng/ul	99
16) 4-Methylphenol	8.55	108	140107	20.21	ng/ul	97
17) Hexachloroethane	8.85	117	46277	20.35	ng/ul	91
20) Nitrobenzene	8.97	77	150937	20.59	ng/ul	96
21) Isophorone	9.49	82	289670	20.35	ng/ul	99
23) 2-Nitrophenol	9.68	139	74319	20.81	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	156362	20.64	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	173876	19.62	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	130628	20.70	ng/ul	98
28) Naphthalene	10.61	128	422981	20.50	ng/ul	99
30) 4-Chloroaniline	10.73	127	178610	23.62	ng/ul	98
31) Hexachlorobutadiene	10.89	225	78086	20.83	ng/ul	99
32) Caprolactam	11.49	113	46389m	19.74	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	156962	20.75	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	317507	20.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	163361	20.45	ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	76875	18.84	ng/ul	94
38) 2,4,6-Trichlorophenol	12.85	196	109154	20.52	ng/ul	95
39) 2,4,5-Trichlorophenol	12.92	196	120510	20.42	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	424005	20.38	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	325024	20.66	ng/ul	99
42) 2-Nitroaniline	13.50	65	102336	21.13	ng/ul	96
44) Dimethylphthalate	13.87	163	426497	20.28	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	87233	21.03	ng/ul#	89
47) Acenaphthylene	14.13	152	548841	21.01	ng/ul	100
48) 3-Nitroaniline	14.33	138	98742	22.33	ng/ul	99
49) Acenaphthene	14.48	153	357848	20.79	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	43248	18.12	ng/ul	95
52) 4-Nitrophenol	14.64	109	65918	20.64	ng/ul	97
53) Dibenzofuran	14.82	168	519334	20.80	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	134199	21.70	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	106840	21.29	ng/ul#	97
56) Diethylphthalate	15.24	149	440938	20.76	ng/ul	99
58) Fluorene	15.47	166	415691	21.29	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	203084	20.99	ng/ul	98
60) 4-Nitroaniline	15.50	138	106577	22.74	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	81112	21.27	ng/ul#	92
64) N-Nitrosodiphenylamine	15.67	169	371347	21.02	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	129120	20.87	ng/ul	96
66) Hexachlorobenzene	16.47	284	144303	20.80	ng/ul	100
67) Atrazine	16.63	200	141766	21.99	ng/ul	100
68) Pentachlorophenol	16.82	266	79432	20.60	ng/ul	98
69) Phenanthrene	17.20	178	701538	20.68	ng/ul	100
71) Anthracene	17.30	178	714484	21.12	ng/ul	99
72) Carbazole	17.57	167	666504	22.40	ng/ul	99
73) Di-n-butylphthalate	18.13	149	776200	21.38	ng/ul	100
74) Fluoranthene	19.23	202	856633	22.79	ng/ul	98
77) Pyrene	19.59	202	876974	20.39	ng/ul	99
78) Butylbenzylphthalate	20.49	149	376612	21.08	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	300553	22.54	ng/ul	98
80) Benzo(a)anthracene	21.34	228	874882	20.51	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	534563	21.55	ng/ul#	98
82) Chrysene	21.39	228	839165	20.74	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	973377	22.84	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	914436	21.44	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	839593	20.91	ng/ul	99
88) Benzo(a)pyrene	23.53	252	843561	20.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	878176	19.95	ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	748616	20.32	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	712291	19.11	ng/ul	99

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

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