Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062617\
Data File : BM010747.D
Acq On : 26 Jun 2017 15:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
mohammad
6/28/2017 7:53:12 AM

Quant Time: Jun 27 01:26:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 16:50:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	64040	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	300546	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	223331	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	598737	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	717166	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	546239	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10074	9.01	ng/uL	0.00
5) Phenol-d5	6.65	99	108410	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	63501	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	83405	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	92128	18.21	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	42533	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	51508	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	105226	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	124843	22.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	372372	18.99	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	440164	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	64682	18.75	ng/ul	0.00
57) Fluorene-d10	15.11	176	343646	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	71685	19.49	ng/ul	0.00
70) Anthracene-d10	16.96	188	575197m	19.89	ng/ul	0.00
76) Pyrene-d10	19.27	212	688965	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	526872	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	11374	9.11	ng/uL#	46
4) Benzaldehyde	6.62	77	80751	22.49	ng/ul	95
6) Phenol	6.67	94	112115	17.84	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	81098	17.73	ng/ul	95
10) 2-Chlorophenol	7.03	128	81433	19.04	ng/ul	98
11) 2-Methylphenol	7.90	108	91477	19.10	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.99	45	51928	16.26	ng/ul#	85
14) Acetophenone	8.27	105	158130	19.15	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.26	70	82877	18.62	ng/ul	92
16) 4-Methylphenol	8.23	108	96805	18.37	ng/ul	96
17) Hexachloroethane	8.52	117	38542	20.26	ng/ul	91
20) Nitrobenzene	8.64	77	125655	20.08	ng/ul	93
21) Isophorone	9.17	82	221683	17.83	ng/ul	96
23) 2-Nitrophenol	9.35	139	49962	19.07	ng/ul#	88
24) 2,4-Dimethylphenol	9.42	107	132070	19.82	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.65	93	123336	17.89	ng/ul	93
27) 2,4-Dichlorophenol	9.87	162	103973	20.54	ng/ul#	93
28) Naphthalene	10.27	128	294815	19.71	ng/ul	98
30) 4-Chloroaniline	10.39	127	121331	22.02	ng/ul	95
31) Hexachlorobutadiene	10.56	225	83485	21.87	ng/ul	93
32) Caprolactam	11.15	113	31721m	17.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	126461	19.59	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	241069	20.05	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	160477	20.36 ng/ul#	93
37) Hexachlorocyclopentadiene	12.25	237	74889	16.53 ng/ul	95
38) 2,4,6-Trichlorophenol	12.52	196	106335	19.76 ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	107446	19.33 ng/ul	93
40) 1,1'-Biphenyl	12.93	154	337855	19.35 ng/ul	97
41) 2-Chloronaphthalene	12.97	162	268202	19.52 ng/ul	95
42) 2-Nitroaniline	13.18	65	83302	20.73 ng/ul	96
44) Dimethylphthalate	13.58	163	364728	18.98 ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	68556	20.60 ng/ul#	80
47) Acenaphthylene	13.83	152	412781	19.00 ng/ul	98
48) 3-Nitroaniline	14.02	138	70675	21.05 ng/ul	98
49) Acenaphthene	14.17	153	281309	19.20 ng/ul	96
50) 2,4-Dinitrophenol	14.23	184	49029	20.34 ng/ul#	73
52) 4-Nitrophenol	14.34	109	102911	23.51 ng/ul#	81
53) Dibenzofuran	14.51	168	436774	19.68 ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	109046	21.12 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.74	232	113589	20.20 ng/ul	92
56) Diethylphthalate	14.96	149	387598	19.17 ng/ul	95
58) Fluorene	15.17	166	365994	19.70 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	204774	20.28 ng/ul	91
60) 4-Nitroaniline	15.19	138	78724	19.85 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.26	198	75972	19.39 ng/ul	96
64) N-Nitrosodiphenylamine	15.39	169	316638	19.07 ng/ul	97
65) 4-Bromophenyl-phenylether	16.06	248	136599	19.93 ng/ul#	86
66) Hexachlorobenzene	16.17	284	141707	19.63 ng/ul#	79
67) Atrazine	16.35	200	140892	20.14 ng/ul	95
68) Pentachlorophenol	16.52	266	93257	18.32 ng/ul	97
69) Phenanthrene	16.90	178	632875	19.88 ng/ul	99
71) Anthracene	17.00	178	648376	19.77 ng/ul	98
72) Carbazole	17.27	167	560390	19.59 ng/ul	98
73) Di-n-butylphthalate	17.86	149	675389	18.56 ng/ul	99
74) Fluoranthene	18.93	202	823972	20.09 ng/ul#	96
77) Pyrene	19.30	202	844504	20.39 ng/ul	98
78) Butylbenzylphthalate	20.23	149	317546	20.39 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.00	252	280074	19.52 ng/ul#	97
80) Benzo(a)anthracene	21.06	228	843321	20.19 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	477313	20.09 ng/ul#	99
82) Chrysene	21.12	228	761356	20.45 ng/ul	99
84) Di-n-octyl phthalate	21.87	149	796175	20.86 ng/ul#	94
85) Benzo(b)fluoranthene	22.58	252	742803m	20.95 ng/ul	
86) Benzo(k)fluoranthene	22.63	252	686295	20.42 ng/ul#	98
88) Benzo(a)pyrene	23.13	252	655942	20.09 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.32	276	658467	19.45 ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	548919	19.46 ng/ul#	97
91) Benzo(g,h,i)perylene	25.97	276	543527	20.17 ng/ul	99

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

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