Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062617\
Data File : BM010761.D
Acq On : 27 Jun 2017 00:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Manual Integrations APPROVED
mohammad
6/28/2017 7:54:09 AM

Quant Time: Jun 27 02:26:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 01:28:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	346578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	245315	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	661119	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	766923	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	570298	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10753	8.16	ng/uL	0.00
5) Phenol-d5	6.65	99	128040	17.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	71898	17.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	98498	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	109043	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	50279	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	61152	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	125617	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	141990	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	421595	19.58	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	495970	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	75814	20.00	ng/ul	0.00
57) Fluorene-d10	15.11	176	373708	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	81597	20.10	ng/ul	0.00
70) Anthracene-d10	16.96	188	627737	19.66	ng/ul	0.00
76) Pyrene-d10	19.27	212	731061	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	559850	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	11520	7.83	ng/uL#	41
4) Benzaldehyde	6.62	77	93651	22.12	ng/ul	93
6) Phenol	6.67	94	133258	17.99	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	97269	18.03	ng/ul	95
10) 2-Chlorophenol	7.03	128	96794	19.19	ng/ul	97
11) 2-Methylphenol	7.90	108	106029	18.78	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	58140	15.44	ng/ul#	81
14) Acetophenone	8.27	105	181473	18.64	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.26	70	97229	18.53	ng/ul	91
16) 4-Methylphenol	8.23	108	115402	18.57	ng/ul	97
17) Hexachloroethane	8.52	117	45252	20.18	ng/ul#	74
20) Nitrobenzene	8.65	77	147997	20.51	ng/ul	99
21) Isophorone	9.16	82	257277	17.94	ng/ul	99
23) 2-Nitrophenol	9.35	139	61918	20.49	ng/ul	92
24) 2,4-Dimethylphenol	9.42	107	155739	20.26	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	143947	18.10	ng/ul	94
27) 2,4-Dichlorophenol	9.87	162	118251	20.26	ng/ul#	91
28) Naphthalene	10.27	128	337627	19.58	ng/ul	98
30) 4-Chloroaniline	10.39	127	140078	22.04	ng/ul	93
31) Hexachlorobutadiene	10.56	225	95048	21.59	ng/ul	95
32) Caprolactam	11.15	113	37399m	18.25	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	144028	19.34	ng/ul	94
34) 2-Methylnaphthalene	11.89	142	272311	19.64	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	182257	21.05	ng/ul#	97
37) Hexachlorocyclopentadiene	12.25	237	84821	17.04	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.52	196	121772	20.60	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	125124	20.50	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	377911	19.70	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	299221	19.83	ng/ul	92
42) 2-Nitroaniline	13.18	65	94899	21.50	ng/ul	96
44) Dimethylphthalate	13.58	163	410921	19.47	ng/ul	100
45) 2,6-Dinitrotoluene	13.69	165	83261	22.77	ng/ul#	79
47) Acenaphthylene	13.82	152	467746	19.61	ng/ul	99
48) 3-Nitroaniline	14.02	138	81432	22.08	ng/ul	100
49) Acenaphthene	14.17	153	313249	19.46	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	54563	20.60	ng/ul#	77
52) 4-Nitrophenol	14.34	109	113482	23.60	ng/ul#	78
53) Dibenzofuran	14.51	168	487447	20.00	ng/ul	94
54) 2,4-Dinitrotoluene	14.49	165	122555	21.60	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.75	232	125333	20.29	ng/ul#	92
56) Diethylphthalate	14.96	149	427935	19.27	ng/ul	96
58) Fluorene	15.16	166	403725	19.78	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.17	204	223299	20.13	ng/ul#	87
60) 4-Nitroaniline	15.19	138	89754	20.61	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.25	198	85226	19.70	ng/ul	93
64) N-Nitrosodiphenylamine	15.39	169	345652	18.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	148599	19.63	ng/ul#	85
66) Hexachlorobenzene	16.17	284	152062	19.07	ng/ul#	81
67) Atrazine	16.35	200	156424	20.25	ng/ul	96
68) Pentachlorophenol	16.52	266	105146	18.71	ng/ul	97
69) Phenanthrene	16.90	178	683517	19.45	ng/ul	99
71) Anthracene	17.00	178	698913	19.30	ng/ul	98
72) Carbazole	17.27	167	600113	19.00	ng/ul	99
73) Di-n-butylphthalate	17.86	149	753334	18.75	ng/ul	99
74) Fluoranthene	18.93	202	896518	19.79	ng/ul#	97
77) Pyrene	19.30	202	902173	20.37	ng/ul#	98
78) Butylbenzylphthalate	20.23	149	356273	21.39	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.00	252	312504	20.37	ng/ul#	92
80) Benzo(a)anthracene	21.06	228	913854	20.46	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.02	149	516668	20.34	ng/ul#	98
82) Chrysene	21.12	228	805732	20.23	ng/ul	99
84) Di-n-octyl phthalate	21.88	149	867000	21.76	ng/ul#	93
85) Benzo(b)fluoranthene	22.58	252	778970	21.04	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	721303	20.55	ng/ul	99
88) Benzo(a)pyrene	23.13	252	688269	20.19	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	674353	19.08	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	564297	19.16	ng/ul	98
91) Benzo(g,h,i)perylene	25.97	276	550949	19.58	ng/ul	97

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

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