Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009298.D
Acq On : 20 Mar 2017 16:57
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
3/21/2017 5:20:44 PM

Quant Time: Mar 20 17:36:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 13:19:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	79251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	383368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	284496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	768788	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1252110	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1353181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	16246	9.03	ng/uL	0.00
5) Phenol-d5	7.03	99	158933	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	107098	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	105404	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	125537	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	55775	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	61113	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	132550	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	164538	21.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	467107	21.62	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	564659	22.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	93249	21.74	ng/ul	0.00
57) Fluorene-d10	15.51	176	441346	22.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	89027	19.36	ng/ul	0.00
70) Anthracene-d10	17.36	188	762581	20.96	ng/ul	0.00
78) Pyrene-d10	19.65	212	956407	18.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1254228	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	16037	8.40	ng/uL#	45
4) Benzaldehyde	7.02	77	126214	21.97	ng/ul#	81
6) Phenol	7.06	94	173392	18.94	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.30	93	126948	19.36	ng/ul#	82
10) 2-Chlorophenol	7.43	128	109931	20.34	ng/ul#	71
11) 2-Methylphenol	8.30	108	122723	18.50	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	210456	19.26	ng/ul#	85
14) Acetophenone	8.70	105	221364	19.27	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.67	70	135357	19.22	ng/ul#	81
16) 4-Methylphenol	8.63	108	143912	19.14	ng/ul	91
17) Hexachloroethane	8.95	117	46425	19.62	ng/ul	98
20) Nitrobenzene	9.08	77	189524	20.76	ng/ul#	82
21) Isophorone	9.60	82	345341	19.12	ng/ul#	93
23) 2-Nitrophenol	9.79	139	68587	20.73	ng/ul#	68
24) 2,4-Dimethylphenol	9.84	107	173400	20.43	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.08	93	194859	19.68	ng/ul#	97
27) 2,4-Dichlorophenol	10.32	162	133249	20.74	ng/ul	95
28) Naphthalene	10.72	128	403071	20.50	ng/ul	98
30) 4-Chloroaniline	10.83	127	169322	20.64	ng/ul	96
31) Hexachlorobutadiene	10.99	225	88628	20.01	ng/ul	97
32) Caprolactam	11.61	113	48048m	17.90	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	166692	19.77	ng/ul	93
34) 2-Methylnaphthalene	12.33	142	312900	19.99	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	195288	22.82	ng/ul	98
37) Hexachlorocyclopentadiene	12.67	237	92051	19.03	ng/ul	97
38) 2,4,6-Trichlorophenol	12.94	196	117980	21.75	ng/ul	98
39) 2,4,5-Trichlorophenol	13.01	196	139968	22.52	ng/ul	97
40) 1,1'-Biphenyl	13.35	154	438053	21.98	ng/ul#	96
41) 2-Chloronaphthalene	13.39	162	348562	22.60	ng/ul	97
42) 2-Nitroaniline	13.60	65	138445	21.85	ng/ul#	67
44) Dimethylphthalate	13.97	163	470669	21.72	ng/ul	98
45) 2,6-Dinitrotoluene	14.10	165	92032	22.07	ng/ul#	80
47) Acenaphthylene	14.24	152	577646	23.22	ng/ul	99
48) 3-Nitroaniline	14.43	138	101505	22.86	ng/ul#	77
49) Acenaphthene	14.58	153	403173	23.04	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	52338	19.15	ng/ul#	76
52) 4-Nitrophenol	14.72	109	109954	21.94	ng/ul#	80
53) Dibenzofuran	14.91	168	609395	23.63	ng/ul	96
54) 2,4-Dinitrotoluene	14.88	165	147663	22.99	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.13	232	134843	22.60	ng/ul	97
56) Diethylphthalate	15.33	149	504793	22.24	ng/ul	99
58) Fluorene	15.56	166	507588	22.81	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	263380	23.03	ng/ul	88
60) 4-Nitroaniline	15.59	138	122540	24.31	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.64	198	93490	19.35	ng/ul#	83
64) N-Nitrosodiphenylamine	15.77	169	446720	20.68	ng/ul	98
65) 4-Bromophenyl-phenylether	16.45	248	165918	19.98	ng/ul#	87
66) Hexachlorobenzene	16.56	284	186850	20.22	ng/ul#	90
67) Atrazine	16.72	200	169702	18.79	ng/ul	93
68) Pentachlorophenol	16.90	266	117213	19.31	ng/ul	97
69) Phenanthrene	17.30	178	880508	20.58	ng/ul	98
71) Anthracene	17.39	178	921282	21.11	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	183946	20.37	ng/uL	96
73) Pentachlorobenzene	14.83	250	198372	20.46	ng/uL	96
74) Carbazole	17.67	167	859008	21.09	ng/ul	98
75) Di-n-butylphthalate	18.22	149	892243	19.01	ng/ul#	97
76) Fluoranthene	19.32	202	1130764	20.97	ng/ul	99
79) Pyrene	19.68	202	1240275	19.07	ng/ul	99
80) Butylbenzylphthalate	20.57	149	471325	18.03	ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.36	252	516939	21.80	ng/ul#	98
82) Benzo(a)anthracene	21.42	228	1446422	20.21	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	719181	17.67	ng/ul#	99
84) Chrysene	21.47	228	1371580	20.32	ng/ul	98
86) Di-n-octyl phthalate	22.23	149	1348793	18.53	ng/ul#	86
87) Benzo(b)fluoranthene	23.06	252	1635098	20.45	ng/ul#	95
88) Benzo(k)fluoranthene	23.11	252	1497732	19.59	ng/ul#	97
90) Benzo(a)pyrene	23.67	252	1590313	20.46	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.15	276	1827434	19.60	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.16	278	1544992	19.59	ng/ul#	93
93) Benzo(g,h,i)perylene	26.89	276	1514336	19.62	ng/ul#	91

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

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