Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010714.D
Acq On : 24 Jun 2017 05:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02048

Manual Integrations APPROVED
mohammad
6/28/2017 7:37:36 AM

Quant Time: Jun 24 06:35:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	62641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	285547	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	205693	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	544941	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	621070	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	459031	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8667	7.93	ng/uL	0.00
5) Phenol-d5	6.65	99	104828	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	58018	17.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	79151	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	87304	17.65	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	42466	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	49684	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	102604	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	120896	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	352486	19.52	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	412539	19.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	60875	19.16	ng/ul	0.00
57) Fluorene-d10	15.11	176	317074	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	70083	20.94	ng/ul	0.00
70) Anthracene-d10	16.96	188	520991m	19.80	ng/ul	0.00
76) Pyrene-d10	19.27	212	603606	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	451081	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	9830	8.05	ng/uL#	46
4) Benzaldehyde	6.62	77	75543	21.51	ng/ul	93
6) Phenol	6.67	94	109454	17.81	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	80594	18.01	ng/ul	89
10) 2-Chlorophenol	7.03	128	76735	18.34	ng/ul	98
11) 2-Methylphenol	7.90	108	84784	18.10	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	48485	15.52	ng/ul#	88
14) Acetophenone	8.27	105	148834	18.42	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.27	70	79593	18.28	ng/ul	91
16) 4-Methylphenol	8.23	108	93069	18.06	ng/ul	87
17) Hexachloroethane	8.52	117	37398	20.10	ng/ul#	80
20) Nitrobenzene	8.65	77	118763	19.98	ng/ul	97
21) Isophorone	9.17	82	208338	17.63	ng/ul	97
23) 2-Nitrophenol	9.35	139	53185	21.36	ng/ul	95
24) 2,4-Dimethylphenol	9.42	107	128069	20.23	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.66	93	116776	17.82	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	96992	20.17	ng/ul#	90
28) Naphthalene	10.27	128	275596	19.39	ng/ul	98
30) 4-Chloroaniline	10.39	127	114665	21.90	ng/ul	92
31) Hexachlorobutadiene	10.56	225	78970	21.77	ng/ul	92
32) Caprolactam	11.15	113	30096m	17.83	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	119882	19.54	ng/ul	94
34) 2-Methylnaphthalene	11.89	142	227348	19.90	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	152686	21.03 ng/ul#	96
37) Hexachlorocyclopentadiene	12.26	237	74880	17.94 ng/ul	97
38) 2,4,6-Trichlorophenol	12.52	196	101303	20.43 ng/ul	95
39) 2,4,5-Trichlorophenol	12.59	196	107087	20.92 ng/ul	95
40) 1,1'-Biphenyl	12.93	154	323144	20.09 ng/ul	98
41) 2-Chloronaphthalene	12.97	162	255243	20.17 ng/ul	95
42) 2-Nitroaniline	13.19	65	81393	21.99 ng/ul	94
44) Dimethylphthalate	13.58	163	345641	19.53 ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	68356	22.30 ng/ul#	79
47) Acenaphthylene	13.83	152	394966	19.74 ng/ul	98
48) 3-Nitroaniline	14.02	138	65364	21.14 ng/ul#	99
49) Acenaphthene	14.17	153	260221	19.28 ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	46959	21.15 ng/ul#	83
52) 4-Nitrophenol	14.34	109	95479	23.68 ng/ul#	80
53) Dibenzofuran	14.52	168	412214	20.17 ng/ul	93
54) 2,4-Dinitrotoluene	14.49	165	103903	21.85 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.74	232	103053	19.90 ng/ul#	86
56) Diethylphthalate	14.96	149	362727	19.48 ng/ul	94
58) Fluorene	15.17	166	342614	20.02 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	189391	20.37 ng/ul	92
60) 4-Nitroaniline	15.20	138	73010	19.99 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.26	198	72014	20.19 ng/ul#	97
64) N-Nitrosodiphenylamine	15.39	169	297931	19.71 ng/ul	96
65) 4-Bromophenyl-phenylether	16.07	248	123529	19.80 ng/ul#	88
66) Hexachlorobenzene	16.17	284	129086	19.64 ng/ul#	84
67) Atrazine	16.35	200	131219	20.61 ng/ul	93
68) Pentachlorophenol	16.52	266	87069	18.79 ng/ul	94
69) Phenanthrene	16.91	178	569334	19.65 ng/ul	99
71) Anthracene	17.00	178	592997	19.87 ng/ul	98
72) Carbazole	17.27	167	493161	18.94 ng/ul	98
73) Di-n-butylphthalate	17.86	149	624115	18.85 ng/ul	99
74) Fluoranthene	18.94	202	726649	19.46 ng/ul#	97
77) Pyrene	19.30	202	746207	20.80 ng/ul	98
78) Butylbenzylphthalate	20.23	149	284320	21.08 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.01	252	243976	19.64 ng/ul	95
80) Benzo(a)anthracene	21.07	228	731841	20.23 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.03	149	421253	20.47 ng/ul#	98
82) Chrysene	21.12	228	649587	20.14 ng/ul	99
84) Di-n-octyl phthalate	21.88	149	707145	22.05 ng/ul#	94
85) Benzo(b)fluoranthene	22.59	252	654203	21.96 ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	575179	20.36 ng/ul	99
88) Benzo(a)pyrene	23.13	252	553779	20.19 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	539445	18.96 ng/ul	99
90) Dibenzo(a,h)anthracene	25.35	278	450702	19.01 ng/ul#	97
91) Benzo(g,h,i)perylene	25.97	276	440663	19.46 ng/ul	98

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

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