Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (QT Reviewed)

Data File : BM010540.D
Acq On : 12 Jun 2017 18:07
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02027

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:21 PM

Quant Time: Jun 13 03:31:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 02:16:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	118650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	410476	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	298817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	783124	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1137289	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1175779	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	20384	7.05	ng/uL	0.00
5) Phenol-d5	7.07	99	151545	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	83288	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	128516	17.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	124604	17.18	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	54836	18.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	73494	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	165641	23.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	149494	21.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	530495	21.37	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	576183	19.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	64896	17.47	ng/ul	0.00
57) Fluorene-d10	15.52	176	469546	21.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	103511	18.66	ng/ul	0.00
70) Anthracene-d10	17.37	188	754054	19.79	ng/ul	0.00
76) Pyrene-d10	19.66	212	962963	20.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1087737	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	20670	6.71	ng/uL#	46
4) Benzaldehyde	7.05	77	123159	20.37	ng/ul	96
6) Phenol	7.10	94	152103	16.50	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.32	93	106133	16.59	ng/ul	91
10) 2-Chlorophenol	7.46	128	127974	17.79	ng/ul	93
11) 2-Methylphenol	8.35	108	113983	16.94	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.42	45	38756	13.43	ng/ul#	44
14) Acetophenone	8.73	105	197861	16.71	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.69	70	107107	18.10	ng/ul#	87
16) 4-Methylphenol	8.67	108	125367	16.99	ng/ul	87
17) Hexachloroethane	8.96	117	70657	21.64	ng/ul	90
20) Nitrobenzene	9.12	77	181921	21.19	ng/ul#	88
21) Isophorone	9.62	82	272360	20.61	ng/ul#	92
23) 2-Nitrophenol	9.82	139	77026	20.86	ng/ul	87
24) 2,4-Dimethylphenol	9.87	107	178042	20.74	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.10	93	134129	18.06	ng/ul	96
27) 2,4-Dichlorophenol	10.34	162	156958	22.39	ng/ul	89
28) Naphthalene	10.74	128	401646	19.51	ng/ul	99
30) 4-Chloroaniline	10.88	127	140123	21.03	ng/ul	95
31) Hexachlorobutadiene	10.99	225	161440	25.14	ng/ul	92
32) Caprolactam	11.68	113	34877m	19.88	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	141997	21.04	ng/ul	98
34) 2-Methylnaphthalene	12.35	142	330401	21.17	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	269233	21.66	ng/ul#	94
37) Hexachlorocyclopentadiene	12.66	237	146131	17.53	ng/ul	98
38) 2,4,6-Trichlorophenol	12.96	196	159578	22.59	ng/ul	97
39) 2,4,5-Trichlorophenol	13.03	196	164088	23.02	ng/ul	98
40) 1,1'-Biphenyl	13.36	154	480169	19.81	ng/ul	99
41) 2-Chloronaphthalene	13.40	162	378622	19.88	ng/ul	96
42) 2-Nitroaniline	13.64	65	96425	19.88	ng/ul	94
44) Dimethylphthalate	13.99	163	501699	20.55	ng/ul	99
45) 2,6-Dinitrotoluene	14.13	165	91099	20.36	ng/ul#	71
47) Acenaphthylene	14.25	152	546117	19.30	ng/ul	99
48) 3-Nitroaniline	14.47	138	77834	18.05	ng/ul	98
49) Acenaphthene	14.59	153	387432	19.52	ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	64417	19.05	ng/ul	92
52) 4-Nitrophenol	14.78	109	117939	23.17	ng/ul#	74
53) Dibenzofuran	14.93	168	607817	20.71	ng/ul	95
54) 2,4-Dinitrotoluene	14.91	165	145713	22.17	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.15	232	160532	23.45	ng/ul	94
56) Diethylphthalate	15.34	149	485963	20.58	ng/ul	97
58) Fluorene	15.57	166	500049	20.77	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.56	204	318746	23.16	ng/ul	98
60) 4-Nitroaniline	15.64	138	81504	18.05	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.66	198	103450	17.60	ng/ul	98
64) N-Nitrosodiphenylamine	15.79	169	431465	18.90	ng/ul	96
65) 4-Bromophenyl-phenylether	16.46	248	196691	20.41	ng/ul#	89
66) Hexachlorobenzene	16.56	284	193435	19.17	ng/ul#	84
67) Atrazine	16.73	200	206344	20.80	ng/ul	96
68) Pentachlorophenol	16.92	266	119279	18.57	ng/ul	98
69) Phenanthrene	17.32	178	818935	19.59	ng/ul	98
71) Anthracene	17.41	178	858331	19.67	ng/ul	98
72) Carbazole	17.69	167	697183	18.87	ng/ul	97
73) Di-n-butylphthalate	18.21	149	819899	19.66	ng/ul	98
74) Fluoranthene	19.33	202	1100838	21.41	ng/ul#	96
77) Pyrene	19.69	202	1185190	20.22	ng/ul#	93
78) Butylbenzylphthalate	20.56	149	389627	19.24	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.37	252	401983	18.01	ng/ul	93
80) Benzo(a)anthracene	21.43	228	1313625	20.48	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	580441	19.26	ng/ul	98
82) Chrysene	21.48	228	1182935	20.40	ng/ul	98
84) Di-n-octyl phthalate	22.20	149	1070993	19.79	ng/ul#	95
85) Benzo(b)fluoranthene	23.06	252	1397673	20.43	ng/ul#	97
86) Benzo(k)fluoranthene	23.11	252	1329682m	20.34	ng/ul	
88) Benzo(a)pyrene	23.67	252	1362022	20.08	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.15	276	1698878	19.83	ng/ul	98
90) Dibenzo(a,h)anthracene	26.16	278	1448055	19.62	ng/ul	100
91) Benzo(g,h,i)perylene	26.89	276	1383788	19.60	ng/ul	99

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

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