Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026796.D
Acq On : 1 May 2017 6:05
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02066

Manual Integrations APPROVED
mohammad
5/1/2017 6:52:05 PM

Quant Time: May 01 06:48:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 05:02:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	218149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	1061152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	606244	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1167596	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	1072883	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	1123849	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	35289	7.29	ng/uL	0.00
5) Phenol-d5	7.18	99	415048	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	235829m	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	341304	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	343611	21.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	179254	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	199192	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	318750	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	472830	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	954522	19.56	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1233053	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	169828	19.31	ng/ul	0.00
57) Fluorene-d10	15.61	176	832171	19.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	146015	20.59	ng/ul	0.00
70) Anthracene-d10	17.45	188	1133146	20.00	ng/ul	0.00
76) Pyrene-d10	19.73	212	1096698	19.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1064996	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	39092m	7.07	ng/uL	
4) Benzaldehyde	7.14	77	165791	17.62	ng/ul#	67
6) Phenol	7.21	94	428847	21.73	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	310973	20.41	ng/ul	89
10) 2-Chlorophenol	7.58	128	328568	20.20	ng/ul#	80
11) 2-Methylphenol	8.46	108	329792	21.11	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	346150	21.77	ng/ul#	88
14) Acetophenone	8.83	105	498856	21.02	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.80	70	237100	20.25	ng/ul#	74
16) 4-Methylphenol	8.79	108	367868	21.53	ng/ul	100
17) Hexachloroethane	9.09	117	120580	19.71	ng/ul#	72
20) Nitrobenzene	9.21	77	349255	20.41	ng/ul#	76
21) Isophorone	9.73	82	662769	20.17	ng/ul#	90
23) 2-Nitrophenol	9.92	139	206198	20.33	ng/ul#	59
24) 2,4-Dimethylphenol	9.99	107	380962	20.60	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.21	93	442292	19.71	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	316299	20.69	ng/ul	93
28) Naphthalene	10.86	128	1099572	19.91	ng/ul	98
30) 4-Chloroaniline	10.97	127	439121	22.69	ng/ul	94
31) Hexachlorobutadiene	11.14	225	149541	19.34	ng/ul	91
32) Caprolactam	11.71	113	120988m	21.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	374702	22.60	ng/ul#	85
34) 2-Methylnaphthalene	12.46	142	823814	20.10	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	310853	19.45 ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	179272	25.46 ng/ul	99
38) 2,4,6-Trichlorophenol	13.06	196	228756	20.80 ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	237047	20.86 ng/ul	97
40) 1,1'-Biphenyl	13.46	154	986492	19.36 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	751965	19.63 ng/ul	97
42) 2-Nitroaniline	13.70	65	242093	22.12 ng/ul#	69
44) Dimethylphthalate	14.07	163	923799	19.34 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	209281	20.76 ng/ul#	81
47) Acenaphthylene	14.35	152	1247160	19.98 ng/ul	98
48) 3-Nitroaniline	14.53	138	219372	20.68 ng/ul	79
49) Acenaphthene	14.69	153	853167	19.64 ng/ul	96
50) 2,4-Dinitrophenol	14.73	184	117290	22.75 ng/ul#	76
52) 4-Nitrophenol	14.85	109	103983	20.16 ng/ul#	44
53) Dibenzofuran	15.02	168	1117671	19.33 ng/ul	98
54) 2,4-Dinitrotoluene	14.98	165	290542	20.14 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	180109	20.17 ng/ul#	78
56) Diethylphthalate	15.43	149	979697	19.60 ng/ul	99
58) Fluorene	15.66	166	923436	19.57 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	395926	19.25 ng/ul#	93
60) 4-Nitroaniline	15.68	138	207180	17.72 ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.74	198	150894	20.44 ng/ul#	93
64) N-Nitrosodiphenylamine	15.87	169	790881	20.61 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	233860	20.07 ng/ul#	82
66) Hexachlorobenzene	16.67	284	249943	19.92 ng/ul#	90
67) Atrazine	16.81	200	246345m	20.54 ng/ul	
68) Pentachlorophenol	17.01	266	120475	21.02 ng/ul	93
69) Phenanthrene	17.40	178	1311005	19.93 ng/ul	99
71) Anthracene	17.49	178	1353137	20.05 ng/ul	99
72) Carbazole	17.76	167	1237287	21.68 ng/ul	97
73) Di-n-butylphthalate	18.31	149	1576317	21.24 ng/ul#	96
74) Fluoranthene	19.40	202	1346728	22.05 ng/ul#	79
77) Pyrene	19.76	202	1372240	19.06 ng/ul#	76
78) Butylbenzylphthalate	20.64	149	733083	21.93 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	441499	21.40 ng/ul#	92
80) Benzo(a)anthracene	21.58	228	1252770	19.96 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	1046472	21.93 ng/ul#	97
82) Chrysene	21.65	228	1149406	19.72 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1786099	23.13 ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1276215	19.87 ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	1261595	19.99 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	1243522	19.67 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.36	276	1504724	20.08 ng/ul#	82
90) Dibenzo(a,h)anthracene	28.41	278	1276724	20.10 ng/ul#	88
91) Benzo(g,h,i)perylene	29.48	276	1236935	19.91 ng/ul#	80

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

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