Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026818.D
Acq On : 1 May 2017 22:30
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02069

Manual Integrations APPROVED
mohammad
5/3/2017 12:12:44 PM

Quant Time: May 02 03:19:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:49:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	145570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	753714	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	433381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	812629	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	758561	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	784915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	23928	7.40	ng/uL	0.00
5) Phenol-d5	7.18	99	292800	22.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	165197	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	228461	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	239042	22.17	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	121354	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	137242	20.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	230155	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	325714m	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	673572	19.31	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	890163	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	115233	18.33	ng/ul	0.00
57) Fluorene-d10	15.61	176	596839	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	94182	19.09	ng/ul	0.00
70) Anthracene-d10	17.46	188	799399	20.27	ng/ul	0.00
76) Pyrene-d10	19.73	212	775662	19.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	754957	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	25959	7.04	ng/uL#	84
4) Benzaldehyde	7.14	77	115338	18.37	ng/ul#	66
6) Phenol	7.21	94	300977	22.86	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.43	93	209095	20.57	ng/ul	94
10) 2-Chlorophenol	7.58	128	223007	20.55	ng/ul#	82
11) 2-Methylphenol	8.46	108	234812	22.53	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	259650	24.47	ng/ul#	91
14) Acetophenone	8.82	105	351131	22.17	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	166393	21.30	ng/ul#	73
16) 4-Methylphenol	8.79	108	256383	22.49	ng/ul	93
17) Hexachloroethane	9.09	117	81377	19.94	ng/ul#	75
20) Nitrobenzene	9.21	77	247100	20.33	ng/ul#	78
21) Isophorone	9.73	82	465086	19.93	ng/ul#	91
23) 2-Nitrophenol	9.92	139	142425	19.77	ng/ul#	61
24) 2,4-Dimethylphenol	9.99	107	268512	20.44	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.20	93	311393	19.54	ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	223378	20.57	ng/ul	95
28) Naphthalene	10.86	128	777959	19.83	ng/ul	98
30) 4-Chloroaniline	10.97	127	310138	22.56	ng/ul	94
31) Hexachlorobutadiene	11.14	225	103267	18.80	ng/ul	87
32) Caprolactam	11.71	113	87312	21.52	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.10	107	269218	22.87	ng/ul	86
34) 2-Methylnaphthalene	12.46	142	596408	20.48	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	224056	19.61 ng/ul#	92
37) Hexachlorocyclopentadiene	12.80	237	92875	18.45 ng/ul	99
38) 2,4,6-Trichlorophenol	13.07	196	162942	20.73 ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	171324	21.09 ng/ul	97
40) 1,1'-Biphenyl	13.45	154	726182	19.93 ng/ul	98
41) 2-Chloronaphthalene	13.50	162	542724	19.82 ng/ul	97
42) 2-Nitroaniline	13.71	65	173952	22.23 ng/ul#	72
44) Dimethylphthalate	14.07	163	665350	19.48 ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	143052	19.85 ng/ul#	82
47) Acenaphthylene	14.35	152	904256	20.26 ng/ul	98
48) 3-Nitroaniline	14.53	138	155013	20.44 ng/ul#	76
49) Acenaphthene	14.68	153	619343	19.95 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	74350m	20.18 ng/ul	
52) 4-Nitrophenol	14.85	109	66858	18.13 ng/ul#	37
53) Dibenzofuran	15.02	168	815867	19.74 ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	204680	19.85 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.25	232	125056	19.59 ng/ul#	75
56) Diethylphthalate	15.42	149	695719	19.47 ng/ul	98
58) Fluorene	15.66	166	663698	19.68 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	284700	19.36 ng/ul	93
60) 4-Nitroaniline	15.69	138	145830	17.45 ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.75	198	99868	19.43 ng/ul#	92
64) N-Nitrosodiphenylamine	15.86	169	551885	20.66 ng/ul	98
65) 4-Bromophenyl-phenylether	16.54	248	163623	20.18 ng/ul#	83
66) Hexachlorobenzene	16.67	284	170892	19.57 ng/ul#	88
67) Atrazine	16.81	200	172312	20.64 ng/ul#	90
68) Pentachlorophenol	17.02	266	79458	19.92 ng/ul	94
69) Phenanthrene	17.40	178	934373	20.41 ng/ul	100
71) Anthracene	17.49	178	961561	20.48 ng/ul	100
72) Carbazole	17.76	167	874646	22.02 ng/ul	98
73) Di-n-butylphthalate	18.31	149	1127284	21.82 ng/ul#	96
74) Fluoranthene	19.41	202	968261	22.78 ng/ul#	81
77) Pyrene	19.76	202	994577	19.54 ng/ul#	76
78) Butylbenzylphthalate	20.64	149	540054m	22.85 ng/ul	
79) 3,3'-Dichlorobenzidine	21.50	252	310570	21.30 ng/ul#	95
80) Benzo(a)anthracene	21.59	228	892132	20.11 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	764262	22.66 ng/ul#	99
82) Chrysene	21.65	228	828867	20.11 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1308861	24.27 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	916374	20.43 ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	867443	19.68 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	883754	20.02 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.37	276	1056960	20.20 ng/ul#	80
90) Dibenzo(a,h)anthracene	28.42	278	888570	20.03 ng/ul#	88
91) Benzo(g,h,i)perylene	29.50	276	874386	20.15 ng/ul#	80

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

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