Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030717\
Data File : BG026107.D
Acq On : 8 Mar 2017 10:52
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Manual Integrations APPROVED
mohammad
3/8/2017 1:48:06 PM

Quant Time: Mar 08 12:10:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	142487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	585229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	340303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	800702	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	954886	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	955925	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	25472	7.69	ng/uL	0.00
5) Phenol-d5	7.22	99	191990	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	124525	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	161454	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	150071	18.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	88199	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	71179	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	158856	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	223875	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	484040	21.87	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	663147	22.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	82573	18.94	ng/ul	0.00
57) Fluorene-d10	15.65	176	482941	22.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	65589	17.46	ng/ul	0.00
70) Anthracene-d10	17.49	188	740283	20.37	ng/ul	0.00
78) Pyrene-d10	19.77	212	841138	21.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	863223	20.49	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	27448	7.44	ng/uL#	78
4) Benzaldehyde	7.20	77	144275	21.36	ng/ul	90
6) Phenol	7.24	94	201499	18.36	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	172223	19.34	ng/ul	89
10) 2-Chlorophenol	7.63	128	159328	19.03	ng/ul#	90
11) 2-Methylphenol	8.50	108	150062	17.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	192868	18.59	ng/ul#	92
14) Acetophenone	8.88	105	265331	19.55	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.86	70	120133	18.77	ng/ul#	93
16) 4-Methylphenol	8.82	108	163386	18.02	ng/ul	98
17) Hexachloroethane	9.15	117	67184	19.35	ng/ul	90
20) Nitrobenzene	9.26	77	174340	19.47	ng/ul	98
21) Isophorone	9.78	82	331815	19.62	ng/ul	96
23) 2-Nitrophenol	9.97	139	77773	21.07	ng/ul#	93
24) 2,4-Dimethylphenol	10.02	107	160367	19.31	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.26	93	218207	19.78	ng/ul	98
27) 2,4-Dichlorophenol	10.51	162	155060	20.39	ng/ul	98
28) Naphthalene	10.92	128	576799	20.23	ng/ul	99
30) 4-Chloroaniline	11.01	127	217566	21.46	ng/ul	100
31) Hexachlorobutadiene	11.20	225	113721	20.67	ng/ul	97
32) Caprolactam	11.75	113	46407m	16.98	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	149114	20.07	ng/ul	87
34) 2-Methylnaphthalene	12.51	142	439735	20.63	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	214463	22.29	ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	106267	21.00	ng/ul	98
38) 2,4,6-Trichlorophenol	13.11	196	110151	22.03	ng/ul	96
39) 2,4,5-Trichlorophenol	13.18	196	120844	22.49	ng/ul	97
40) 1,1'-Biphenyl	13.51	154	562476	22.48	ng/ul	99
41) 2-Chloronaphthalene	13.55	162	415365	22.27	ng/ul	93
42) 2-Nitroaniline	13.74	65	90727	21.36	ng/ul	96
44) Dimethylphthalate	14.11	163	477210	22.00	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	104113	23.50	ng/ul	95
47) Acenaphthylene	14.39	152	666592	22.25	ng/ul	98
48) 3-Nitroaniline	14.55	138	110664	22.53	ng/ul	96
49) Acenaphthene	14.73	153	468296	22.29	ng/ul	99
50) 2,4-Dinitrophenol	14.77	184	36595	17.74	ng/ul	86
52) 4-Nitrophenol	14.85	109	48714	19.35	ng/ul#	61
53) Dibenzofuran	15.06	168	658692	22.40	ng/ul	90
54) 2,4-Dinitrotoluene	15.01	165	151958	22.92	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.28	232	105628	21.99	ng/ul	93
56) Diethylphthalate	15.47	149	468344	22.02	ng/ul	97
58) Fluorene	15.71	166	545219	22.33	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.69	204	259506	22.26	ng/ul#	86
60) 4-Nitroaniline	15.71	138	124618	21.75	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.78	198	72905	17.95	ng/ul#	89
64) N-Nitrosodiphenylamine	15.91	169	455125	20.68	ng/ul	98
65) 4-Bromophenyl-phenylether	16.59	248	172907	20.90	ng/ul#	83
66) Hexachlorobenzene	16.71	284	188090	20.73	ng/ul#	86
67) Atrazine	16.85	200	151959	19.12	ng/ul	98
68) Pentachlorophenol	17.05	266	79463	17.18	ng/ul	97
69) Phenanthrene	17.44	178	860527	20.28	ng/ul	98
71) Anthracene	17.53	178	878589	20.54	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	203473	21.24	ng/uL	98
73) Pentachlorobenzene	14.98	250	206418	21.01	ng/uL	99
74) Carbazole	17.79	167	806535	21.00	ng/ul	95
75) Di-n-butylphthalate	18.35	149	755495	19.44	ng/ul	99
76) Fluoranthene	19.44	202	1022821	21.37	ng/ul	99
79) Pyrene	19.79	202	1053044	21.63	ng/ul	99
80) Butylbenzylphthalate	20.68	149	285286	17.90	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.53	252	310435	18.83	ng/ul	97
82) Benzo(a)anthracene	21.62	228	1056596	20.22	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	443275	17.82	ng/ul#	95
84) Chrysene	21.69	228	997059	19.95	ng/ul	96
86) Di-n-octyl phthalate	22.73	149	768740	17.96	ng/ul	100
87) Benzo(b)fluoranthene	23.82	252	1086641	20.50	ng/ul	99
88) Benzo(k)fluoranthene	23.88	252	1080093	20.91	ng/ul	98
90) Benzo(a)pyrene	24.68	252	1083853	20.81	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.46	276	1302216	20.74	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.51	278	1065567	20.57	ng/ul	97
93) Benzo(g,h,i)perylene	29.59	276	1082959	20.76	ng/ul	99

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

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