Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026471.D
Acq On : 29 Mar 2017 1:18
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Mar 29 01:57:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 01:52:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	170329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	705630	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	413526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	982149	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1109795	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1095062	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	29406	8.26	ng/uL	0.00
5) Phenol-d5	7.20	99	258930	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	147998	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	231643	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	212329	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	105774	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	128275	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	225727	20.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	288617	26.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	674090	21.05	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	837508	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	125436	20.14	ng/ul	0.00
57) Fluorene-d10	15.63	176	601924	20.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	125904	19.94	ng/ul	0.00
70) Anthracene-d10	17.48	188	929502	20.84	ng/ul	0.00
78) Pyrene-d10	19.76	212	1036654	20.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	981298	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	30892	8.12	ng/uL#	87
4) Benzaldehyde	7.18	77	148918	21.25	ng/ul	89
6) Phenol	7.23	94	275798	21.06	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.45	93	213854	21.39	ng/ul	96
10) 2-Chlorophenol	7.61	128	228308	20.98	ng/ul	98
11) 2-Methylphenol	8.48	108	214267	20.92	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.57	45	195987	20.79	ng/ul	99
14) Acetophenone	8.86	105	322333	21.24	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.84	70	143554	20.37	ng/ul	95
16) 4-Methylphenol	8.81	108	235189	21.21	ng/ul	95
17) Hexachloroethane	9.13	117	81254	20.17	ng/ul#	79
20) Nitrobenzene	9.24	77	208037	20.76	ng/ul	94
21) Isophorone	9.76	82	400755	21.01	ng/ul#	92
23) 2-Nitrophenol	9.96	139	135416	21.78	ng/ul#	83
24) 2,4-Dimethylphenol	10.01	107	238364	21.35	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.24	93	279899	21.23	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	226720	21.16	ng/ul	95
28) Naphthalene	10.89	128	722080	21.33	ng/ul	99
30) 4-Chloroaniline	11.00	127	265467	25.77	ng/ul	98
31) Hexachlorobutadiene	11.18	225	145015	21.27	ng/ul	99
32) Caprolactam	11.74	113	76175	20.14	ng/ul	93
33) 4-Chloro-3-methylphenol	12.11	107	216455	20.87	ng/ul	88
34) 2-Methylnaphthalene	12.49	142	559511	21.36	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	277152	21.29 ng/ul#	98
37) Hexachlorocyclopentadiene	12.84	237	124170	19.09 ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	178970	20.72 ng/ul	94
39) 2,4,5-Trichlorophenol	13.16	196	185561	20.87 ng/ul	99
40) 1,1'-Biphenyl	13.49	154	705287	21.26 ng/ul	98
41) 2-Chloronaphthalene	13.53	162	521347	20.82 ng/ul	93
42) 2-Nitroaniline	13.73	65	122102	20.97 ng/ul	89
44) Dimethylphthalate	14.09	163	650312	20.96 ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	142520	21.28 ng/ul#	86
47) Acenaphthylene	14.37	152	847290	21.33 ng/ul	97
48) 3-Nitroaniline	14.55	138	140787	22.82 ng/ul	89
49) Acenaphthene	14.71	153	576978	20.93 ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	63189	16.75 ng/ul#	78
52) 4-Nitrophenol	14.86	109	67817	20.52 ng/ul#	62
53) Dibenzofuran	15.05	168	827458	21.11 ng/ul	88
54) 2,4-Dinitrotoluene	15.00	165	204714	21.14 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.27	232	177670	20.77 ng/ul#	89
56) Diethylphthalate	15.45	149	644269	20.89 ng/ul	95
58) Fluorene	15.69	166	680607	20.88 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	328558	20.52 ng/ul#	85
60) 4-Nitroaniline	15.70	138	158934	20.67 ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.77	198	132714	20.02 ng/ul#	84
64) N-Nitrosodiphenylamine	15.89	169	592450	21.09 ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	222809	20.63 ng/ul#	85
66) Hexachlorobenzene	16.70	284	235837	20.37 ng/ul#	88
67) Atrazine	16.83	200	227745	20.93 ng/ul	98
68) Pentachlorophenol	17.04	266	135748	19.70 ng/ul	99
69) Phenanthrene	17.42	178	1077036	20.93 ng/ul	97
71) Anthracene	17.51	178	1119023	21.25 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	269638	20.84 ng/uL	99
73) Pentachlorobenzene	14.97	250	308588	20.96 ng/uL	98
74) Carbazole	17.78	167	1017393	22.47 ng/ul	95
75) Di-n-butylphthalate	18.33	149	1130068	21.17 ng/ul	98
76) Fluoranthene	19.42	202	1271982	23.13 ng/ul	99
79) Pyrene	19.79	202	1316994	21.31 ng/ul	99
80) Butylbenzylphthalate	20.66	149	505809	20.69 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.52	252	440231	22.86 ng/ul	99
82) Benzo(a)anthracene	21.61	228	1274060	21.23 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	713369	20.42 ng/ul#	94
84) Chrysene	21.67	228	1169690	21.08 ng/ul	96
86) Di-n-octyl phthalate	22.70	149	1221218	21.68 ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1260466	20.29 ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1279011	21.56 ng/ul	98
90) Benzo(a)pyrene	24.65	252	1260558	20.98 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.42	276	1474850	20.36 ng/ul#	93
92) Dibenzo(a,h)anthracene	28.47	278	1238487	20.48 ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1230352	20.42 ng/ul	98

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

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