Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022869.D
Acq On : 6 Jul 2016 8:46
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Jul 06 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	123791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	595682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	461751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1135848	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1213313	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1235018	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	20999	9.48	ng/uL	0.00
5) Phenol-d5	7.31	99	270652	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	158171	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	174233	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	201911	19.96	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	91806	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	110895	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	229223	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	249523	24.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	768433	20.48	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	889711	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	123276	20.93	ng/ul	0.00
57) Fluorene-d10	15.79	176	723664	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	146466	20.05	ng/ul	0.00
70) Anthracene-d10	17.65	188	1080022	20.46	ng/ul	0.00
76) Pyrene-d10	19.93	212	1239376	21.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1169901	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	21506	8.28	ng/uL#	80
4) Benzaldehyde	7.29	77	183369	22.15	ng/ul	84
6) Phenol	7.34	94	274949	20.61	ng/ul#	55
8) Bis(2-Chloroethyl)ether	7.57	93	193015	21.16	ng/ul	96
10) 2-Chlorophenol	7.72	128	175231	19.81	ng/ul#	83
11) 2-Methylphenol	8.60	108	198962	19.86	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.69	45	222823	21.73	ng/ul#	96
14) Acetophenone	8.98	105	344676	21.10	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.96	70	196866	20.05	ng/ul#	86
16) 4-Methylphenol	8.93	108	221018	19.84	ng/ul	91
17) Hexachloroethane	9.25	117	78131	20.74	ng/ul#	68
20) Nitrobenzene	9.37	77	296847	20.32	ng/ul#	79
21) Isophorone	9.89	82	539477	20.71	ng/ul#	90
23) 2-Nitrophenol	10.09	139	120802	19.87	ng/ul#	51
24) 2,4-Dimethylphenol	10.14	107	282018	19.38	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.38	93	299233	19.46	ng/ul#	96
27) 2,4-Dichlorophenol	10.63	162	232721	19.32	ng/ul	98
28) Naphthalene	11.04	128	613113	20.13	ng/ul	97
30) 4-Chloroaniline	11.14	127	258408	24.94	ng/ul	98
31) Hexachlorobutadiene	11.32	225	191916	20.69	ng/ul	92
33) 4-Chloro-3-methylphenol	12.26	107	294926	19.36	ng/ul#	83
34) 2-Methylnaphthalene	12.63	142	513746	20.39	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	358440	20.77	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.97	237	177764	17.06	ng/ul	99
38) 2,4,6-Trichlorophenol	13.24	196	236007	19.82	ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	252680	20.17	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	718092	20.45	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	584350	20.55	ng/ul	98
42) 2-Nitroaniline	13.88	65	232039	21.10	ng/ul#	62
44) Dimethylphthalate	14.24	163	771170	20.13	ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	160343	19.34	ng/ul#	80
47) Acenaphthylene	14.52	152	895634	20.69	ng/ul	97
48) 3-Nitroaniline	14.71	138	152433	23.52	ng/ul#	60
49) Acenaphthene	14.86	153	611948	20.81	ng/ul	95
53) Dibenzofuran	15.20	168	923074	20.32	ng/ul#	85
54) 2,4-Dinitrotoluene	15.16	165	247243	20.62	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.42	232	253799	19.90	ng/ul#	96
56) Diethylphthalate	15.60	149	790638	20.31	ng/ul	98
58) Fluorene	15.85	166	755527	20.70	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.83	204	443554	20.29	ng/ul	98
60) 4-Nitroaniline	15.87	138	164086	21.08	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.92	198	154718	19.98	ng/ul#	81
64) N-Nitrosodiphenylamine	16.04	169	684143	20.45	ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	301364	19.83	ng/ul	96
66) Hexachlorobenzene	16.85	284	317385	19.73	ng/ul#	89
67) Atrazine	16.99	200	298068	21.37	ng/ul	95
68) Pentachlorophenol	17.20	266	184810	19.99	ng/ul	95
69) Phenanthrene	17.60	178	1217299	20.95	ng/ul	97
71) Anthracene	17.68	178	1245181	20.86	ng/ul	97
72) Carbazole	17.95	167	1020001	23.09	ng/ul	98
73) Di-n-butylphthalate	18.49	149	1228659	21.67	ng/ul#	96
74) Fluoranthene	19.60	202	1428906	23.61	ng/ul#	87
77) Pyrene	19.96	202	1450850	21.36	ng/ul#	86
78) Butylbenzylphthalate	20.83	149	575077	21.83	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.74	252	569690	24.79	ng/ul#	94
80) Benzo(a)anthracene	21.83	228	1502512	21.11	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.71	149	781547	22.99	ng/ul#	91
82) Chrysene	21.90	228	1356357	20.94	ng/ul	97
84) Di-n-octyl phthalate	22.97	149	1339931	24.62	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1521685	19.72	ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	1503196	20.73	ng/ul#	88
88) Benzo(a)pyrene	25.06	252	1492961	20.36	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.08	276	1378457	17.78	ng/ul#	81
90) Dibenzo(a,h)anthracene	29.14	278	1379191	21.52	ng/ul#	86
91) Benzo(g,h,i)perylene	30.28	276	1369062	22.53	ng/ul#	79

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

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