Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025009.D
Acq On : 8 Dec 2016 14:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02019

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Quant Time: Dec 08 15:47:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	80648	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	347893	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	297824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	763855	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1042497	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1108780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	13690	8.77	ng/uL	0.00
5) Phenol-d5	7.39	99	136616	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	80424	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	95973	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	112062	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	48632	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	54817	17.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	119004	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	140026	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	417290	20.37	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	466316	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	73712	20.94	ng/ul	0.00
57) Fluorene-d10	15.85	176	404346	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	91291	19.33	ng/ul	0.00
70) Anthracene-d10	17.70	188	651634	20.21	ng/ul	0.00
76) Pyrene-d10	19.98	212	865914	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	926800	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	16218	7.97	ng/uL	92
4) Benzaldehyde	7.38	77	103258	19.71	ng/ul	89
6) Phenol	7.41	94	141066	19.75	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.65	93	100132	19.16	ng/ul	96
10) 2-Chlorophenol	7.80	128	94297	19.28	ng/ul	95
11) 2-Methylphenol	8.68	108	104897	19.95	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.77	45	170088	19.14	ng/ul	98
14) Acetophenone	9.07	105	174628	19.74	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.04	70	96413	18.87	ng/ul	96
16) 4-Methylphenol	9.00	108	115359	19.72	ng/ul	94
17) Hexachloroethane	9.33	117	44477	20.53	ng/ul	94
20) Nitrobenzene	9.46	77	153518	20.28	ng/ul	97
21) Isophorone	9.98	82	275860	19.26	ng/ul	96
23) 2-Nitrophenol	10.18	139	62044	19.92	ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	145953	20.49	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.45	93	138073	18.91	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	116982	20.40	ng/ul	94
28) Naphthalene	11.12	128	319824	19.78	ng/ul	99
30) 4-Chloroaniline	11.23	127	136613	23.02	ng/ul	93
31) Hexachlorobutadiene	11.39	225	100838	20.45	ng/ul#	85
32) Caprolactam	11.98	113	45605	19.15	ng/ul	93
33) 4-Chloro-3-methylphenol	12.33	107	143243	20.26	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	251590	19.71	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	184905	20.60 ng/ul#	93
37) Hexachlorocyclopentadiene	13.04	237	100326	19.04 ng/ul	97
38) 2,4,6-Trichlorophenol	13.30	196	113009	20.04 ng/ul	87
39) 2,4,5-Trichlorophenol	13.37	196	131554	21.29 ng/ul	95
40) 1,1'-Biphenyl	13.70	154	372465	20.63 ng/ul	98
41) 2-Chloronaphthalene	13.75	162	286955	19.96 ng/ul	99
42) 2-Nitroaniline	13.95	65	115086	20.45 ng/ul	94
44) Dimethylphthalate	14.30	163	407260	20.23 ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	88100	20.36 ng/ul	96
47) Acenaphthylene	14.59	152	450168	20.64 ng/ul	97
48) 3-Nitroaniline	14.77	138	84903	22.66 ng/ul	91
49) Acenaphthene	14.93	153	315600	21.12 ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	53814	19.15 ng/ul	93
52) 4-Nitrophenol	15.06	109	99554	23.51 ng/ul	94
53) Dibenzofuran	15.26	168	492972	20.86 ng/ul	91
54) 2,4-Dinitrotoluene	15.22	165	130539	20.02 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.48	232	139170	21.31 ng/ul	90
56) Diethylphthalate	15.65	149	433721	20.34 ng/ul	97
58) Fluorene	15.90	166	400208	20.80 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	225881	20.85 ng/ul	86
60) 4-Nitroaniline	15.93	138	95629	21.16 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.98	198	94575	19.33 ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	382558	19.47 ng/ul	96
65) 4-Bromophenyl-phenylether	16.78	248	180350	20.90 ng/ul	98
66) Hexachlorobenzene	16.90	284	194719	20.04 ng/ul	94
67) Atrazine	17.04	200	188413	20.17 ng/ul	98
68) Pentachlorophenol	17.24	266	107896	18.50 ng/ul	86
69) Phenanthrene	17.65	178	738240	20.25 ng/ul	98
71) Anthracene	17.74	178	776139	20.71 ng/ul	99
72) Carbazole	18.01	167	673947	21.55 ng/ul	98
73) Di-n-butylphthalate	18.53	149	791719	20.05 ng/ul	99
74) Fluoranthene	19.64	202	985622	22.75 ng/ul	97
77) Pyrene	20.01	202	1007591	20.11 ng/ul	97
78) Butylbenzylphthalate	20.86	149	387071	19.73 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.78	252	404503	22.26 ng/ul#	94
80) Benzo(a)anthracene	21.87	228	1122561	20.73 ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	536697	19.87 ng/ul	94
82) Chrysene	21.94	228	1067247	21.07 ng/ul	98
84) Di-n-octyl phthalate	23.00	149	927085	20.59 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1123505	20.43 ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	1081642	20.70 ng/ul	99
88) Benzo(a)pyrene	25.14	252	1084192	20.51 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	1352520	20.59 ng/ul	97
90) Dibenzo(a,h)anthracene	29.28	278	1126564	20.35 ng/ul#	97
91) Benzo(g,h,i)perylene	30.45	276	1105972m	20.17 ng/ul	

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

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