Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
Data File : BG024942.D
Acq On : 30 Nov 2016 10:48
Operator : UM/SJ
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01006

Quant Time: Nov 30 13:09:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 30 12:45:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	70752	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	312949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	272323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	669032	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	911194	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	942433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	5874	3.94	ng/uL	0.00
5) Phenol-d5	7.39	99	60377	9.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	38290	9.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	42787	9.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	49391	8.77	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	22089	8.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	25713	8.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	51093	8.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	49641	7.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	191320	9.55	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	203941	9.26	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	29787	8.46	ng/ul	0.00
57) Fluorene-d10	15.85	176	181809	9.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	36046	7.59	ng/ul	0.00
70) Anthracene-d10	17.70	188	288341	9.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	391026	9.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	374288	8.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	7376	4.17	ng/uL	92
4) Benzaldehyde	7.38	77	47242	11.26	ng/ul	99
6) Phenol	7.42	94	59455	8.82	ng/ul#	95
8) Bis(2-Chloroethyl)ether	7.65	93	48934	10.21	ng/ul#	85
10) 2-Chlorophenol	7.80	128	41677	9.28	ng/ul	95
11) 2-Methylphenol	8.68	108	43458	8.73	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.77	45	80238	9.81	ng/ul#	93
14) Acetophenone	9.07	105	82311	10.07	ng/ul	84
15) N-Nitroso-di-n-propylamine	9.04	70	44287	9.15	ng/ul	90
16) 4-Methylphenol	9.01	108	53586	9.80	ng/ul#	73
17) Hexachloroethane	9.34	117	18327	8.96	ng/ul	95
20) Nitrobenzene	9.47	77	69119	9.58	ng/ul#	92
21) Isophorone	9.98	82	124857	9.13	ng/ul#	95
23) 2-Nitrophenol	10.18	139	28468	9.34	ng/ul#	73
24) 2,4-Dimethylphenol	10.22	107	62813	8.92	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.46	93	63289	8.78	ng/ul#	84
27) 2,4-Dichlorophenol	10.71	162	49779	8.75	ng/ul	94
28) Naphthalene	11.12	128	142558	9.33	ng/ul	99
30) 4-Chloroaniline	11.23	127	53800	8.55	ng/ul#	87
31) Hexachlorobutadiene	11.39	225	44000	9.73	ng/ul#	90
32) Caprolactam	11.99	113	22431	10.26	ng/ul	94
33) 4-Chloro-3-methylphenol	12.32	107	63651	8.99	ng/ul	94
34) 2-Methylnaphthalene	12.71	142	110764	8.90	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	81339	9.45 ng/ul#	92
37) Hexachlorocyclopentadiene	13.04	237	37215	7.04 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.31	196	50937	9.23 ng/ul	91
39) 2,4,5-Trichlorophenol	13.37	196	53369	8.53 ng/ul	94
40) 1,1'-Biphenyl	13.70	154	167698	9.58 ng/ul	98
41) 2-Chloronaphthalene	13.75	162	127147	9.20 ng/ul	98
42) 2-Nitroaniline	13.95	65	49979	8.87 ng/ul#	84
44) Dimethylphthalate	14.30	163	186605	9.52 ng/ul#	93
45) 2,6-Dinitrotoluene	14.44	165	37497	8.77 ng/ul	89
47) Acenaphthylene	14.59	152	202399	9.50 ng/ul	98
48) 3-Nitroaniline	14.77	138	35528	9.33 ng/ul#	96
49) Acenaphthene	14.93	153	134019	9.15 ng/ul	92
50) 2,4-Dinitrophenol	14.98	184	18378	6.27 ng/ul#	82
52) 4-Nitrophenol	15.06	109	36624	8.91 ng/ul	92
53) Dibenzofuran	15.26	168	218420	9.61 ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	59191	9.36 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.48	232	59695	9.40 ng/ul#	98
56) Diethylphthalate	15.65	149	198218	9.88 ng/ul	94
58) Fluorene	15.91	166	179607	9.63 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	99149	9.59 ng/ul	90
60) 4-Nitroaniline	15.92	138	46528	11.15 ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.98	198	36319	7.57 ng/ul#	97
64) N-Nitrosodiphenylamine	16.10	169	173983	9.32 ng/ul	91
65) 4-Bromophenyl-phenylether	16.79	248	75111	9.06 ng/ul	98
66) Hexachlorobenzene	16.90	284	81251	8.72 ng/ul	99
67) Atrazine	17.04	200	86906	10.29 ng/ul	94
68) Pentachlorophenol	17.25	266	44943	8.30 ng/ul	94
69) Phenanthrene	17.65	178	326969	9.50 ng/ul	97
71) Anthracene	17.74	178	342333	9.67 ng/ul	96
72) Carbazole	18.01	167	309194	10.56 ng/ul	98
73) Di-n-butylphthalate	18.53	149	365312	10.03 ng/ul	97
74) Fluoranthene	19.64	202	454355	11.45 ng/ul	97
77) Pyrene	20.01	202	461289	9.77 ng/ul#	96
78) Butylbenzylphthalate	20.86	149	166393	8.98 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.78	252	162705	9.48 ng/ul	97
80) Benzo(a)anthracene	21.87	228	490256	9.79 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	228241	8.76 ng/ul	99
82) Chrysene	21.95	228	461738	9.78 ng/ul	98
84) Di-n-octyl phthalate	23.00	149	404712	9.59 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	468905	9.33 ng/ul	93
86) Benzo(k)fluoranthene	24.28	252	452030	9.40 ng/ul	94
88) Benzo(a)pyrene	25.14	252	449486	9.20 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.22	276	543267	9.07 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.28	278	464177	9.29 ng/ul#	90
91) Benzo(g,h,i)perylene	30.45	276	457754	9.28 ng/ul#	92

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

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