Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091615\
Data File : BG018708.D
Acq On : 16 Sep 2015 15:05
Operator : TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02096

Quant Time: Sep 17 02:26:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 17 02:24:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	295058	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	200660	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	518816	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	535914	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	547787	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	9572	7.03	ng/uL	0.00
5) Phenol-d5	7.16	99	116814	21.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	62982	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	89840	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	94607	21.69	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	45198	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	49661	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	103267	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	130084	23.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	312410	19.35	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	393907	20.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	59552	19.22	ng/ul	0.00
58) Fluorene-d10	15.62	176	292180	20.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	42213	17.19	ng/ul	0.00
71) Anthracene-d10	17.47	188	475963	20.84	ng/ul	0.00
79) Pyrene-d10	19.75	212	503981	20.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	553928	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	11133	7.56	ng/uL#	76
4) Benzaldehyde	7.14	77	73332	23.59	ng/ul	97
6) Phenol	7.19	94	123561	22.22	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.42	93	86389	20.80	ng/ul	96
10) 2-Chlorophenol	7.57	128	90570	21.49	ng/ul	94
11) 2-Methylphenol	8.44	108	91821	21.48	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.53	45	98000	19.88	ng/ul#	90
14) Acetophenone	8.82	105	138665	20.88	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.80	70	68558	20.01	ng/ul	87
16) 4-Methylphenol	8.77	108	104454	22.22	ng/ul	92
17) Hexachloroethane	9.08	117	33989	20.23	ng/ul	89
20) Nitrobenzene	9.20	77	100860	19.46	ng/ul#	90
21) Isophorone	9.72	82	197120	18.66	ng/ul	98
23) 2-Nitrophenol	9.91	139	54102	21.35	ng/ul#	86
24) 2,4-Dimethylphenol	9.98	107	108847	20.72	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.21	93	123369	19.82	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	102266	21.59	ng/ul	95
28) Naphthalene	10.86	128	301568	20.08	ng/ul	98
30) 4-Chloroaniline	10.96	127	130786	22.96	ng/ul	98
31) Hexachlorobutadiene	11.14	225	58928	20.16	ng/ul	93
32) Caprolactam	11.71	113	35525	18.32	ng/ul	85
33) 4-Chloro-3-methylphenol	12.08	107	107445	21.28	ng/ul	100
34) 2-Methylnaphthalene	12.46	142	228397	20.59	ng/ul	91

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 17 02:24:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	219734	20.67 ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	125848	20.23 ng/ul	95
38) Hexachlorocyclopentadiene	12.81	237	60081	17.37 ng/ul	96
39) 2,4,6-Trichlorophenol	13.06	196	88335	21.87 ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	97011	22.30 ng/ul	94
41) 1,1'-Biphenyl	13.46	154	306164	20.16 ng/ul	96
42) 2-Chloronaphthalene	13.51	162	238767	20.63 ng/ul	96
43) 2-Nitroaniline	13.71	65	68469	19.95 ng/ul#	77
45) Dimethylphthalate	14.08	163	306064	19.55 ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	67983	21.59 ng/ul	89
48) Acenaphthylene	14.35	152	418114	20.54 ng/ul	99
49) 3-Nitroaniline	14.53	138	75185	22.50 ng/ul	80
50) Acenaphthene	14.70	153	281511	20.53 ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	14795	10.45 ng/ul#	83
53) 4-Nitrophenol	14.84	109	39780	18.72 ng/ul	92
54) Dibenzofuran	15.02	168	391910	20.37 ng/ul	95
55) 2,4-Dinitrotoluene	14.98	165	97557	20.82 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.25	232	82899	19.73 ng/ul#	92
57) Diethylphthalate	15.44	149	321633	19.77 ng/ul	98
59) Fluorene	15.68	166	333178	20.50 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.67	204	159461	20.58 ng/ul	89
61) 4-Nitroaniline	15.69	138	83311	21.68 ng/ul	84
64) 4,6-Dinitro-2-methylphenol	15.75	198	44273	17.57 ng/ul#	85
65) N-Nitrosodiphenylamine	15.88	169	285922	21.04 ng/ul	94
66) 4-Bromophenyl-phenylether	16.56	248	104652	20.59 ng/ul	91
67) Hexachlorobenzene	16.68	284	115725	20.53 ng/ul	94
68) Atrazine	16.83	200	120778	20.18 ng/ul	96
69) Pentachlorophenol	17.02	266	45448	13.83 ng/ul	99
70) Phenanthrene	17.42	178	539792	20.47 ng/ul	99
72) Anthracene	17.50	178	549074	20.76 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	126287	20.46 ng/uL	97
74) Pentachlorobenzene	14.95	250	129657	21.51 ng/uL	94
75) Carbazole	17.77	167	495408	21.09 ng/ul	99
76) Di-n-butylphthalate	18.33	149	604236	20.36 ng/ul	98
77) Fluoranthene	19.42	202	637376	21.80 ng/ul	97
80) Pyrene	19.78	202	646364	20.51 ng/ul	98
81) Butylbenzylphthalate	20.67	149	258832	21.41 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.53	252	229515	24.15 ng/ul	98
83) Benzo(a)anthracene	21.61	228	623270	20.98 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	385351	21.50 ng/ul	99
85) Chrysene	21.68	228	569882	20.79 ng/ul	99
87) Di-n-octyl phthalate	22.72	149	646408	22.30 ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	631342	20.38 ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	604541	20.37 ng/ul	98
91) Benzo(a)pyrene	24.67	252	598137	20.32 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.44	276	697524	20.43 ng/ul	98
93) Dibenzo(a,h)anthracene	28.51	278	578912	21.13 ng/ul	96
94) Benzo(g,h,i)perylene	29.59	276	585726	20.55 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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