Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018852.D
Acq On : 23 Sep 2015 15:48
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
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9/24/2015 4:40:13 PM

Quant Time: Sep 24 04:09:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 03:00:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	79570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	339230	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	213812	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	510873	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	601275	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	620540	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	11526	6.96	ng/uL	0.00
5) Phenol-d5	7.16	99	126531	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	75147	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	103873	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	105025	19.81	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	52313	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	56525	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	112971	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	141906	22.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	328183	19.07	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	415580	20.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	56698	17.17	ng/ul	0.00
58) Fluorene-d10	15.62	176	302932	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	42025	17.38	ng/ul	0.00
71) Anthracene-d10	17.47	188	464352	20.65	ng/ul	0.00
79) Pyrene-d10	19.75	212	529391	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	621777	20.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	13017	7.27	ng/uL#	69
4) Benzaldehyde	7.14	77	81444	21.55	ng/ul	93
6) Phenol	7.19	94	134814	19.95	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.42	93	102472	20.30	ng/ul	96
10) 2-Chlorophenol	7.56	128	102887	20.09	ng/ul	91
11) 2-Methylphenol	8.44	108	102689	19.76	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	116855	19.50	ng/ul#	91
14) Acetophenone	8.82	105	161628	20.02	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.80	70	76223	18.30	ng/ul#	85
16) 4-Methylphenol	8.77	108	113470	19.86	ng/ul	90
17) Hexachloroethane	9.09	117	40336	19.75	ng/ul#	74
20) Nitrobenzene	9.20	77	114832	19.27	ng/ul#	88
21) Isophorone	9.72	82	222070	18.29	ng/ul	96
23) 2-Nitrophenol	9.91	139	61197	21.01	ng/ul#	80
24) 2,4-Dimethylphenol	9.97	107	118404	19.61	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.20	93	139625	19.51	ng/ul	97
27) 2,4-Dichlorophenol	10.45	162	112440	20.65	ng/ul	96
28) Naphthalene	10.85	128	346691	20.08	ng/ul	98
30) 4-Chloroaniline	10.96	127	149367	22.81	ng/ul	99
31) Hexachlorobutadiene	11.14	225	71168	21.18	ng/ul	93
32) Caprolactam	11.71	113	36881m	16.54	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	107968	18.60	ng/ul	99
34) 2-Methylnaphthalene	12.45	142	254987	19.99	ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 03:00:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	241881	19.79	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	140237	21.16	ng/ul	97
38) Hexachlorocyclopentadiene	12.81	237	53234	14.44	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.06	196	90725	21.08	ng/ul	98
40) 2,4,5-Trichlorophenol	13.14	196	97304	20.99	ng/ul	97
41) 1,1'-Biphenyl	13.46	154	335207	20.72	ng/ul	96
42) 2-Chloronaphthalene	13.50	162	259475	21.04	ng/ul	95
43) 2-Nitroaniline	13.70	65	69538	19.02	ng/ul#	71
45) Dimethylphthalate	14.07	163	318707	19.11	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	71414	21.29	ng/ul#	85
48) Acenaphthylene	14.35	152	438978	20.23	ng/ul	99
49) 3-Nitroaniline	14.53	138	76743	21.55	ng/ul#	84
50) Acenaphthene	14.69	153	294997	20.19	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	19912	13.20	ng/ul#	79
53) 4-Nitrophenol	14.84	109	38464	16.99	ng/ul	88
54) Dibenzofuran	15.03	168	410696	20.03	ng/ul	92
55) 2,4-Dinitrotoluene	14.99	165	100269	20.08	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.25	232	84439	18.86	ng/ul#	91
57) Diethylphthalate	15.44	149	323263	18.65	ng/ul	97
59) Fluorene	15.67	166	337570	19.49	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.66	204	165434	20.04	ng/ul	91
61) 4-Nitroaniline	15.69	138	82639	20.18	ng/ul	84
64) 4,6-Dinitro-2-methylphenol	15.75	198	43297	17.45	ng/ul#	87
65) N-Nitrosodiphenylamine	15.88	169	285383	21.33	ng/ul	94
66) 4-Bromophenyl-phenylether	16.55	248	108523	21.68	ng/ul	93
67) Hexachlorobenzene	16.68	284	121465	21.89	ng/ul	95
68) Atrazine	16.82	200	120586	20.46	ng/ul	95
69) Pentachlorophenol	17.02	266	50052	15.47	ng/ul	97
70) Phenanthrene	17.41	178	533525	20.54	ng/ul	99
72) Anthracene	17.51	178	533360	20.48	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	140776	23.16	ng/uL	99
74) Pentachlorobenzene	14.95	250	140586	23.68	ng/uL	96
75) Carbazole	17.77	167	499960	21.61	ng/ul	100
76) Di-n-butylphthalate	18.33	149	580194	19.86	ng/ul	99
77) Fluoranthene	19.42	202	653733	22.71	ng/ul	96
80) Pyrene	19.78	202	667338	18.87	ng/ul	97
81) Butylbenzylphthalate	20.66	149	288405	21.26	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.52	252	268189	25.15	ng/ul	99
83) Benzo(a)anthracene	21.61	228	688701	20.66	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	432567	21.51	ng/ul#	98
85) Chrysene	21.68	228	643450	20.92	ng/ul	97
87) Di-n-octyl phthalate	22.71	149	742320	22.61	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	720563	20.53	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	669378	19.92	ng/ul	99
91) Benzo(a)pyrene	24.67	252	675303	20.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.45	276	796041	20.59	ng/ul	100
93) Dibenzo(a,h)anthracene	28.50	278	662421	21.34	ng/ul	94
94) Benzo(g,h,i)perylene	29.58	276	642886	19.92	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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