Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092415\
Data File : BG018893.D
Acq On : 25 Sep 2015 6:52
Operator : TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
MMDadoda
9/25/2015 4:31:00 PM

Quant Time: Sep 25 07:49:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 25 04:50:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	106140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	473411	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	297983	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	690957	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	696256	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	743191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	13726	6.22	ng/uL	0.00
5) Phenol-d5	7.17	99	168522	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	99051	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	137041	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	140751	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	71592	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	78911	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	157877	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	196885	22.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	456207	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	579672	20.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	81723	17.76	ng/ul	0.00
58) Fluorene-d10	15.62	176	411399	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	71808	21.96	ng/ul	0.00
71) Anthracene-d10	17.47	188	620979	20.41	ng/ul	0.00
79) Pyrene-d10	19.75	212	667303	20.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	754856	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	15596	6.53	ng/uL#	72
4) Benzaldehyde	7.14	77	110240	21.87	ng/ul	90
6) Phenol	7.19	94	174576	19.36	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.41	93	135210	20.08	ng/ul	95
10) 2-Chlorophenol	7.57	128	138478	20.27	ng/ul	91
11) 2-Methylphenol	8.44	108	141789	20.45	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	154691	19.35	ng/ul#	91
14) Acetophenone	8.82	105	218624	20.30	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.80	70	103355	18.60	ng/ul#	83
16) 4-Methylphenol	8.77	108	152801	20.05	ng/ul	97
17) Hexachloroethane	9.08	117	55013	20.20	ng/ul#	70
20) Nitrobenzene	9.20	77	152722	18.36	ng/ul#	85
21) Isophorone	9.72	82	304833	17.99	ng/ul	97
23) 2-Nitrophenol	9.91	139	88081	21.67	ng/ul#	82
24) 2,4-Dimethylphenol	9.97	107	159777	18.96	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.20	93	194331	19.46	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	153266	20.17	ng/ul	95
28) Naphthalene	10.85	128	472540	19.61	ng/ul	98
30) 4-Chloroaniline	10.96	127	202502	22.16	ng/ul	98
31) Hexachlorobutadiene	11.14	225	101897	21.73	ng/ul	95
32) Caprolactam	11.72	113	51342m	16.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	154563	19.08	ng/ul	96
34) 2-Methylnaphthalene	12.46	142	355555	19.98	ng/ul	92

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 25 04:50:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	336660	19.74	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	197375	21.37	ng/ul	98
38) Hexachlorocyclopentadiene	12.80	237	55865	10.87	ng/ul	91
39) 2,4,6-Trichlorophenol	13.06	196	128654	21.45	ng/ul	96
40) 2,4,5-Trichlorophenol	13.14	196	139569	21.61	ng/ul	100
41) 1,1'-Biphenyl	13.46	154	462967	20.53	ng/ul	97
42) 2-Chloronaphthalene	13.50	162	362394	21.08	ng/ul	95
43) 2-Nitroaniline	13.70	65	92557	18.16	ng/ul#	72
45) Dimethylphthalate	14.08	163	441189	18.98	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	99747	21.33	ng/ul#	80
48) Acenaphthylene	14.35	152	605562	20.03	ng/ul	99
49) 3-Nitroaniline	14.53	138	106950	21.55	ng/ul	81
50) Acenaphthene	14.69	153	406019	19.94	ng/ul	100
51) 2,4-Dinitrophenol	14.74	184	39056	18.57	ng/ul#	80
53) 4-Nitrophenol	14.85	109	52982	16.79	ng/ul	89
54) Dibenzofuran	15.02	168	565960	19.81	ng/ul	95
55) 2,4-Dinitrotoluene	14.99	165	139636	20.06	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.25	232	120801	19.36	ng/ul#	88
57) Diethylphthalate	15.43	149	450022	18.63	ng/ul	98
59) Fluorene	15.68	166	464814	19.26	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.66	204	229008	19.90	ng/ul	90
61) 4-Nitroaniline	15.69	138	110624	19.39	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.75	198	73723	21.96	ng/ul#	86
65) N-Nitrosodiphenylamine	15.88	169	385171	21.28	ng/ul	97
66) 4-Bromophenyl-phenylether	16.56	248	149168	22.03	ng/ul#	91
67) Hexachlorobenzene	16.68	284	170514	22.72	ng/ul#	91
68) Atrazine	16.82	200	163914	20.56	ng/ul	97
69) Pentachlorophenol	17.02	266	78149	17.86	ng/ul	91
70) Phenanthrene	17.41	178	705164	20.07	ng/ul	100
72) Anthracene	17.50	178	714191	20.27	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	196983	23.96	ng/uL	97
74) Pentachlorobenzene	14.95	250	196746	24.50	ng/uL	93
75) Carbazole	17.77	167	661603	21.15	ng/ul	99
76) Di-n-butylphthalate	18.33	149	779887	19.73	ng/ul	99
77) Fluoranthene	19.42	202	818707	21.03	ng/ul	98
80) Pyrene	19.78	202	825244	20.16	ng/ul	96
81) Butylbenzylphthalate	20.66	149	349117	22.22	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.52	252	321143	26.01	ng/ul	97
83) Benzo(a)anthracene	21.61	228	805675	20.87	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	519139	22.29	ng/ul#	97
85) Chrysene	21.67	228	737167	20.70	ng/ul	99
87) Di-n-octyl phthalate	22.70	149	891771	22.67	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	852774	20.29	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	811073	20.15	ng/ul	99
91) Benzo(a)pyrene	24.67	252	817610	20.47	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.45	276	981024	21.18	ng/ul	98
93) Dibenzo(a,h)anthracene	28.51	278	811545	21.83	ng/ul	94
94) Benzo(g,h,i)perylene	29.58	276	811895	21.00	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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