Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018240.D
Acq On : 2 Aug 2015 23:25
Operator : TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
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8/4/2015 12:20:52 PM

Quant Time: Aug 03 07:22:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	56666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	248550	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	165392	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	355881m	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	210916m	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	197932m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	4738	6.31	ng/uL	0.00
5) Phenol-d5	6.69	99	84853	16.65	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	39025	14.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	74962	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	69814	16.82	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	37320	19.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	39416	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	82713	20.83	ng/ul	0.02
29) 4-Chloroaniline-d4	10.41	131	101358	20.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	230548	18.04	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	287308	19.39	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	35126	14.85	ng/ul	0.02
58) Fluorene-d10	15.16	176	216684	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	8270m	3.33	ng/ul	0.01
71) Anthracene-d10	17.02	188	304725	19.69	ng/ul	0.01
79) Pyrene-d10	19.33	212	262614m	25.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	177151m	17.70	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	5078	5.87	ng/uL	88
4) Benzaldehyde	6.62	77	46779	16.98	ng/ul#	80
6) Phenol	6.71	94	83700	16.18	ng/ul#	79
8) Bis(2-Chloroethyl)ether	6.91	93	61726	16.47	ng/ul	95
10) 2-Chlorophenol	7.05	128	71388	19.16	ng/ul#	91
11) 2-Methylphenol	7.95	108	70163	17.18	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	47894	14.53	ng/ul#	94
14) Acetophenone	8.31	105	108554	16.81	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.29	70	51170	13.96	ng/ul	92
16) 4-Methylphenol	8.28	108	74339	16.45	ng/ul	99
17) Hexachloroethane	8.54	117	31200	18.04	ng/ul	95
20) Nitrobenzene	8.68	77	82894	17.71	ng/ul#	87
21) Isophorone	9.20	82	152819	15.78	ng/ul#	92
23) 2-Nitrophenol	9.39	139	41786	18.23	ng/ul#	71
24) 2,4-Dimethylphenol	9.47	107	90248	18.28	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.69	93	81960	16.37	ng/ul	98
27) 2,4-Dichlorophenol	9.93	162	77796	20.17	ng/ul#	93
28) Naphthalene	10.31	128	231974	19.39	ng/ul	100
30) 4-Chloroaniline	10.44	127	99627	19.96	ng/ul	99
31) Hexachlorobutadiene	10.60	225	62689	23.30	ng/ul	98
32) Caprolactam	11.20	113	30630m	16.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	84056	17.08	ng/ul	86
34) 2-Methylnaphthalene	11.95	142	178814	18.88	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	172248	18.95	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	109134	23.52	ng/ul	98
38) Hexachlorocyclopentadiene	12.29	237	9446	3.98	ng/ul	95
39) 2,4,6-Trichlorophenol	12.59	196	66755	21.37	ng/ul	88
40) 2,4,5-Trichlorophenol	12.66	196	71840	21.25	ng/ul	93
41) 1,1'-Biphenyl	12.98	154	234974	19.88	ng/ul	98
42) 2-Chloronaphthalene	13.02	162	187395	20.99	ng/ul	94
43) 2-Nitroaniline	13.24	65	48316	15.72	ng/ul#	68
45) Dimethylphthalate	13.62	163	230268	18.11	ng/ul	99
46) 2,6-Dinitrotoluene	13.75	165	51513	17.66	ng/ul#	86
48) Acenaphthylene	13.88	152	284023	19.30	ng/ul	99
49) 3-Nitroaniline	14.08	138	51505	20.04	ng/ul#	71
50) Acenaphthene	14.23	153	186770	19.48	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	2314	1.34	ng/ul#	87
53) 4-Nitrophenol	14.43	109	35108	14.70	ng/ul#	75
54) Dibenzofuran	14.56	168	279088	19.33	ng/ul#	86
55) 2,4-Dinitrotoluene	14.55	165	68691	16.21	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	14.81	232	67588	20.30	ng/ul#	97
57) Diethylphthalate	15.00	149	227722	17.29	ng/ul	100
59) Fluorene	15.22	166	235934	18.94	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.21	204	132757	19.74	ng/ul	95
61) 4-Nitroaniline	15.25	138	51876	17.96	ng/ul#	45
64) 4,6-Dinitro-2-methylphenol	15.33	198	9543m	3.63	ng/ul	
65) N-Nitrosodiphenylamine	15.44	169	196121	21.26	ng/ul	97
66) 4-Bromophenyl-phenylether	16.11	248	87044	23.08	ng/ul	95
67) Hexachlorobenzene	16.23	284	110023	24.17	ng/ul#	89
68) Atrazine	16.40	200	84791	20.90	ng/ul	98
69) Pentachlorophenol	16.58	266	40960	16.48	ng/ul	94
70) Phenanthrene	16.96	178	352302m	19.49	ng/ul	
72) Anthracene	17.05	178	352575	19.60	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	105261	26.22	ng/uL	98
74) Pentachlorobenzene	14.49	250	114853	25.53	ng/uL	98
75) Carbazole	17.33	167	296924	19.87	ng/ul	97
76) Di-n-butylphthalate	17.90	149	340614m	17.13	ng/ul	
77) Fluoranthene	18.99	202	340571m	17.15	ng/ul	
80) Pyrene	19.36	202	324176m	25.34	ng/ul	
81) Butylbenzylphthalate	20.27	149	95859	18.45	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.05	252	78708m	17.70	ng/ul	
83) Benzo(a)anthracene	21.11	228	213080m	18.76	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.05	149	117517	16.76	ng/ul	95
85) Chrysene	21.17	228	197037	18.94	ng/ul	99
87) Di-n-octyl phthalate	21.91	149	200022m	19.14	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	201908m	16.98	ng/ul	
89) Benzo(k)fluoranthene	22.70	252	222847m	20.39	ng/ul	
91) Benzo(a)pyrene	23.22	252	191975m	18.05	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.52	276	173231m	14.08	ng/ul	
93) Dibenzo(a,h)anthracene	25.53	278	154823m	14.69	ng/ul	
94) Benzo(g,h,i)perylene	26.20	276	121608m	12.10	ng/ul	

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

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