Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072915\
Data File : BG018168.D
Acq On : 29 Jul 2015 18:32
Operator : TP/UM
Sample : SSTD02042
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
MMDadoda
7/30/2015 1:56:03 PM

Quant Time: Jul 30 01:43:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 00:40:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	30738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	142453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	97573	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	227881	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	249242	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	238626	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	2935	6.17	ng/uL	0.00
5) Phenol-d5	6.69	99	40346	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	19098	16.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	40651	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	36502	17.52	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	22206	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	25264	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	42973	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	56120	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	139973	20.17	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	171138	20.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	27222	18.81	ng/ul	0.00
58) Fluorene-d10	15.17	176	127663	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	28675	19.26	ng/ul	0.00
71) Anthracene-d10	17.03	188	200160	20.04	ng/ul	0.00
79) Pyrene-d10	19.34	212	220431	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	228732	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	2912	5.80	ng/uL	100
4) Benzaldehyde	6.65	77	21185	17.77	ng/ul	100
6) Phenol	6.72	94	40628	17.09	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.94	93	31556	17.81	ng/ul	100
10) 2-Chlorophenol	7.07	128	38913	18.77	ng/ul	100
11) 2-Methylphenol	7.96	108	34770	17.58	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.04	45	26738	14.72	ng/ul	100
14) Acetophenone	8.32	105	53561	18.23	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.31	70	25408	16.60	ng/ul	100
16) 4-Methylphenol	8.28	108	38774	17.78	ng/ul	100
17) Hexachloroethane	8.57	117	15044	18.81	ng/ul	100
20) Nitrobenzene	8.70	77	37459	18.29	ng/ul	100
21) Isophorone	9.22	82	77721	18.14	ng/ul	100
23) 2-Nitrophenol	9.41	139	26326	20.17	ng/ul	100
24) 2,4-Dimethylphenol	9.48	107	42960	18.99	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.71	93	43693	18.11	ng/ul	100
27) 2,4-Dichlorophenol	9.94	162	42121	20.60	ng/ul	100
28) Naphthalene	10.33	128	130945	19.47	ng/ul	100
30) 4-Chloroaniline	10.45	127	56751	21.79	ng/ul	100
31) Hexachlorobutadiene	10.62	225	25301	21.01	ng/ul	100
32) Caprolactam	11.20	113	18684m	19.47	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	42751	19.37	ng/ul	100
34) 2-Methylnaphthalene	11.96	142	102820	20.14	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	97810	19.75	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.34	216	53979	20.97	ng/ul	100
38) Hexachlorocyclopentadiene	12.31	237	23223	16.12	ng/ul	100
39) 2,4,6-Trichlorophenol	12.59	196	35792	20.66	ng/ul	100
40) 2,4,5-Trichlorophenol	12.67	196	39220	20.80	ng/ul	100
41) 1,1'-Biphenyl	13.00	154	135705	20.11	ng/ul	100
42) 2-Chloronaphthalene	13.03	162	105662	19.92	ng/ul	100
43) 2-Nitroaniline	13.25	65	24131	17.74	ng/ul	100
45) Dimethylphthalate	13.64	163	139466	20.02	ng/ul	100
46) 2,6-Dinitrotoluene	13.76	165	33045	20.47	ng/ul	100
48) Acenaphthylene	13.89	152	176154	19.79	ng/ul	100
49) 3-Nitroaniline	14.09	138	30154	20.69	ng/ul	100
50) Acenaphthene	14.24	153	113139	19.43	ng/ul	100
51) 2,4-Dinitrophenol	14.30	184	16448	19.16	ng/ul	100
53) 4-Nitrophenol	14.41	109	17310	18.41	ng/ul	100
54) Dibenzofuran	14.58	168	167400	20.14	ng/ul	100
55) 2,4-Dinitrotoluene	14.55	165	46989	20.30	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.81	232	36623	21.61	ng/ul	100
57) Diethylphthalate	15.02	149	138311	19.18	ng/ul	100
59) Fluorene	15.23	166	142307	19.92	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.23	204	72498	20.11	ng/ul	100
61) 4-Nitroaniline	15.26	138	34149	19.32	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.32	198	31146	19.78	ng/ul	100
65) N-Nitrosodiphenylamine	15.45	169	123415	19.78	ng/ul	100
66) 4-Bromophenyl-phenylether	16.12	248	47849	20.82	ng/ul	100
67) Hexachlorobenzene	16.23	284	53749	20.84	ng/ul	100
68) Atrazine	16.41	200	49466	20.31	ng/ul	100
69) Pentachlorophenol	16.59	266	28231	20.01	ng/ul	100
70) Phenanthrene	16.97	178	231105	19.97	ng/ul	100
72) Anthracene	17.06	178	232913	19.88	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	54112	20.67	ng/uL	100
74) Pentachlorobenzene	14.49	250	57981	20.95	ng/uL	100
75) Carbazole	17.34	167	207615	20.56	ng/ul	100
76) Di-n-butylphthalate	17.91	149	251519	19.09	ng/ul	100
77) Fluoranthene	19.00	202	272412	22.06	ng/ul	100
80) Pyrene	19.36	202	277800	19.47	ng/ul	100
81) Butylbenzylphthalate	20.28	149	106290	18.34	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.06	252	89257	21.72	ng/ul	100
83) Benzo(a)anthracene	21.12	228	259233	19.58	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	149005	18.04	ng/ul	100
85) Chrysene	21.17	228	245446	19.69	ng/ul	100
87) Di-n-octyl phthalate	21.93	149	247677	19.60	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	262144	19.71	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	243417	19.22	ng/ul	100
91) Benzo(a)pyrene	23.23	252	245750	19.29	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.52	276	280833	19.06	ng/ul	100
93) Dibenzo(a,h)anthracene	25.53	278	238447	19.02	ng/ul	100
94) Benzo(g,h,i)perylene	26.20	276	232241	19.09	ng/ul	100

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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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