Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 11 02:01:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	189924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	786585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	417215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	870266	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	725753	20.00	ng/ul	0.04
86) Perylene-d12	25.02	264	773191m	20.00	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6099	1.42	ng/uL	0.00
5) Phenol-d5	7.19	99	151941	8.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	112995	10.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	130737	9.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	134058	9.26	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	67551	11.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	64366	10.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	133842	10.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	54985	3.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	373934	10.65	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	488187	11.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	33947	5.38	ng/ul	0.00
58) Fluorene-d10	15.65	176	315437	10.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	21913	5.12	ng/ul	0.00
71) Anthracene-d10	17.51	188	429209	10.31	ng/ul	0.01
79) Pyrene-d10	19.82	212	401525	10.66	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.79	264	434739m	10.59	ng/ul	0.14
Target Compounds						Qvalue
11) 2-Methylphenol	8.47	108	18332	1.34	ng/ul	89
14) Acetophenone	8.84	105	101490	4.85	ng/ul#	45
16) 4-Methylphenol	8.80	108	80613	5.42	ng/ul	91
24) 2,4-Dimethylphenol	10.00	107	209625	13.49	ng/ul	94
28) Naphthalene	10.89	128	642892	15.46	ng/ul	98
34) 2-Methylnaphthalene	12.49	142	290893	9.66	ng/ul	96
35) 1-Methylnaphthalene	12.71	142	208178	7.08	ng/ul	100
41) 1,1'-Biphenyl	13.49	154	156079	4.48	ng/ul	94
45) Dimethylphthalate	14.11	163	246789	7.13	ng/ul#	98
50) Acenaphthene	14.72	153	351210	11.29	ng/ul	98
54) Dibenzofuran	15.05	168	306493	7.54	ng/ul	93
59) Fluorene	15.70	166	384317	10.99	ng/ul	99
70) Phenanthrene	17.46	178	2072300	43.89	ng/ul	93
72) Anthracene	17.55	178	598565	12.44	ng/ul#	95
75) Carbazole	17.80	167	264406	6.27	ng/ul#	91
77) Fluoranthene	19.49	202	2438709	48.36	ng/ul#	94
80) Pyrene	19.85	202	2155815	43.93	ng/ul	95
81) Butylbenzylphthalate	20.72	149	283655	13.66	ng/ul#	69
83) Benzo(a)anthracene	21.69	228	1074435	23.88	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.61	149	4780644	163.00	ng/ul#	30
85) Chrysene	21.75	228	1023006m	24.31	ng/ul	
88) Benzo(b)fluoranthene	23.97	252	1373150	28.26	ng/ul#	53
89) Benzo(k)fluoranthene	24.02	252	466586m	9.98	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.71	252	695583	15.06	ng/ul#	10
92) Indeno(1,2,3-cd)pyrene	28.81	276	501368m	9.38	ng/ul	
94) Benzo(g,h,i)perylene	29.99	276	488093m	10.88	ng/ul	

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

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