Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018371.D
Acq On : 11 Aug 2015 2:00
Operator : UM/MA
Sample : G3109-20RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 11 04:42:47 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	121355	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	535428	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	305651	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.42	188	596601	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	528979	20.00	ng/ul	0.03
86) Perylene-d12	24.94	264	552484	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	6959	2.53	ng/uL	0.00
5) Phenol-d5	7.20	99	156657	14.22	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	103351	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	129300	15.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	106416	11.50	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	64465	15.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.92	143	67239	15.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	131276	14.55	ng/ul	0.01
29) 4-Chloroaniline-d4	10.97	131	51397	5.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	393732	15.31	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	440511	13.60	ng/ul	0.01
52) 4-Nitrophenol-d4	14.86	143	38677	8.36	ng/ul	0.02
58) Fluorene-d10	15.66	176	284753	12.71	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.77	200	9397	3.20	ng/ul	0.02
71) Anthracene-d10	17.51	188	364844	12.79	ng/ul	0.01
79) Pyrene-d10	19.80	212	334929	12.20	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.72	264	288332	9.83	ng/ul	0.06
Target Compounds						Qvalue
14) Acetophenone	8.86	105	38625	2.89	ng/ul	90
28) Naphthalene	10.90	128	81781	2.89	ng/ul	97
34) 2-Methylnaphthalene	12.50	142	96777	4.72	ng/ul	95
35) 1-Methylnaphthalene	12.72	142	56141	2.81	ng/ul	94
41) 1,1'-Biphenyl	13.50	154	29099	1.14	ng/ul	96
45) Dimethylphthalate	14.12	163	197502	7.79	ng/ul#	96
50) Acenaphthene	14.73	153	160113	7.03	ng/ul	99
54) Dibenzofuran	15.06	168	117309	3.94	ng/ul	88
59) Fluorene	15.72	166	192851	7.53	ng/ul	98
70) Phenanthrene	17.46	178	1545355	47.74	ng/ul	95
72) Anthracene	17.55	178	531283	16.11	ng/ul	97
75) Carbazole	17.81	167	184140	6.37	ng/ul#	90
76) Di-n-butylphthalate	18.37	149	123337	3.26	ng/ul#	90
77) Fluoranthene	19.47	202	2130980	61.64	ng/ul#	93
80) Pyrene	19.83	202	1978778	55.32	ng/ul#	93
81) Butylbenzylphthalate	20.71	149	36220	2.39	ng/ul#	61
83) Benzo(a)anthracene	21.67	228	1152390	35.14	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.58	149	811208	37.95	ng/ul#	97
85) Chrysene	21.74	228	1109848	36.19	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	1325849	38.19	ng/ul#	90
89) Benzo(k)fluoranthene	23.98	252	567536m	16.98	ng/ul	
91) Benzo(a)pyrene	24.79	252	998548	30.26	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	28.65	276	585169	15.32	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	28.69	278	163190	5.14	ng/ul#	66
94) Benzo(g,h,i)perylene	29.81	276	484736	15.12	ng/ul#	91

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

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