Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Time: Jul 31 04:55:22 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	66392	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	293094	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	184565	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	417065	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	374083	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	318653	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	709	0.55	ng/uL	0.00
5) Phenol-d5	6.79	99	20910	4.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	11621	4.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	18166	4.52	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	17717	4.70	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	8912	4.28	ng/ul	0.01
22) 2-Nitrophenol-d4	9.49	143	9204	3.98	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	20472	4.59	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	19287	3.94	ng/ul	0.02
44) Dimethylphthalate-d6	13.68	166	63189	4.67	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	77529	4.59	ng/ul	0.02
52) 4-Nitrophenol-d4	14.52	143	7665	3.40	ng/ul	0.04
58) Fluorene-d10	15.27	176	57491	4.83	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.42	200	605	0.24	ng/ul	0.04
71) Anthracene-d10	17.12	188	86867	4.67	ng/ul	0.02
79) Pyrene-d10	19.43	212	85040	5.40	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.29	264	60614	3.92	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.43	105	8317	1.39	ng/ul	94
28) Naphthalene	10.44	128	18464	1.33	ng/ul#	95
34) 2-Methylnaphthalene	12.07	142	14998	1.48	ng/ul	100
35) 1-Methylnaphthalene	12.29	142	11070m	1.14	ng/ul	
45) Dimethylphthalate	13.73	163	18259	1.35	ng/ul	98
50) Acenaphthene	14.33	153	50945	4.46	ng/ul	98
54) Dibenzofuran	14.67	168	49481	3.02	ng/ul	100
59) Fluorene	15.32	166	58991	4.35	ng/ul	96
70) Phenanthrene	17.07	178	807794	37.39	ng/ul	100
72) Anthracene	17.16	178	197309	8.93	ng/ul	100
75) Carbazole	17.43	167	71206	3.77	ng/ul	98
77) Fluoranthene	19.09	202	881844	35.35	ng/ul	100
80) Pyrene	19.46	202	939627	46.16	ng/ul	100
83) Benzo(a)anthracene	21.21	228	423003	20.40	ng/ul	98
85) Chrysene	21.26	228	383733	19.78	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	369680	20.65	ng/ul#	95
89) Benzo(k)fluoranthene	22.81	252	111303m	6.44	ng/ul	
91) Benzo(a)pyrene	23.34	252	275201	15.92	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.66	276	146340	7.35	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.66	278	44789	2.63	ng/ul#	83
94) Benzo(g,h,i)perylene	26.35	276	136541	8.18	ng/ul#	94

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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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