Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018291.D
Acq On : 6 Aug 2015 3:16
Operator : UM/TP
Sample : G3109-08RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J2RE

Quant Time: Aug 06 06:06:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	48211	20.00	ng/ul	0.01
18) Naphthalene-d8	10.23	136	218062	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	125174	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.89	188	196283	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	184435	20.00	ng/ul	0.03
86) Perylene-d12	23.30	264	151514	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	1309	2.34	ng/uL	0.00
5) Phenol-d5	6.65	99	67240	17.73	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	35141	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	59787	18.94	ng/ul	0.01
13) 4-Methylphenol-d8	8.18	113	28044	8.76	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	32494	19.24	ng/ul	0.01
22) 2-Nitrophenol-d4	9.32	143	38084	19.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.87	165	65722	18.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.37	131	4727	1.10	ng/ul	0.01
44) Dimethylphthalate-d6	13.54	166	191594	19.79	ng/ul	0.01
47) Acenaphthylene-d8	13.82	160	222735	20.29	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	20509	12.84	ng/ul	0.03
58) Fluorene-d10	15.13	176	157159	18.07	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	6829m	5.03	ng/ul	0.03
71) Anthracene-d10	16.99	188	170326	19.73	ng/ul	0.02
79) Pyrene-d10	19.32	212	127485	12.35	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.16	264	153729m	19.50	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.27	128	67034	6.54	ng/ul	97
34) 2-Methylnaphthalene	11.91	142	27062	3.29	ng/ul	95
35) 1-Methylnaphthalene	12.13	142	23941	3.01	ng/ul#	82
41) 1,1'-Biphenyl	12.94	154	16945	1.96	ng/ul#	81
45) Dimethylphthalate	13.59	163	76574	7.93	ng/ul	97
48) Acenaphthylene	13.85	152	137987	12.21	ng/ul	98
50) Acenaphthene	14.19	153	119533	16.34	ng/ul	97
54) Dibenzofuran	14.53	168	221557	20.58	ng/ul	97
59) Fluorene	15.18	166	293788	31.07	ng/ul	97
70) Phenanthrene	16.95	178	3269807m	330.09	ng/ul	
72) Anthracene	17.03	178	675453	68.33	ng/ul	98
75) Carbazole	17.31	167	198371	23.78	ng/ul	95
76) Di-n-butylphthalate	17.87	149	12836	1.10	ng/ul#	90
77) Fluoranthene	18.99	202	3583864	326.18	ng/ul#	87
80) Pyrene	19.36	202	2911540	227.03	ng/ul#	89
83) Benzo(a)anthracene	21.11	228	1850540	190.09	ng/ul#	88
85) Chrysene	21.11	228	1875471m	214.42	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	2387932	256.98	ng/ul#	93
89) Benzo(k)fluoranthene	22.70	252	709487	79.62	ng/ul#	90
91) Benzo(a)pyrene	23.22	252	1564073	192.78	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.53	276	736470	73.37	ng/ul	98
93) Dibenzo(a,h)anthracene	25.52	278	182977	20.78	ng/ul#	94
94) Benzo(g,h,i)perylene	26.20	276	549005	67.40	ng/ul	98

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

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