Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018294.D
Acq On : 6 Aug 2015 5:01
Operator : UM/TP
Sample : G3109-20RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02F4RE

Manual Integrations APPROVED
apatel
8/10/2015 9:25:14 AM

Quant Time: Aug 07 13:19:55 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	7.45	152	55866	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	240858	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.13	164	118113	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.90	188	169290	20.00	ng/ul	0.03
78) Chrysene-d12	21.12	240	222286	20.00	ng/ul	0.03
86) Perylene-d12	23.30	264	195921	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	2176	3.36	ng/uL	0.00
5) Phenol-d5	6.66	99	91410	20.80	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.79	67	47234	22.25	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	78887	21.57	ng/ul	0.01
13) 4-Methylphenol-d8	8.19	113	65028	17.53	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	44059	23.62	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	50622	23.46	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.88	165	83314	21.01	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	25720	5.42	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	229227	25.09	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	216635	20.91	ng/ul	0.02
52) 4-Nitrophenol-d4	14.37	143	833	0.55	ng/ul	0.00
58) Fluorene-d10	15.14	176	148365	18.08	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.00	188	145119	19.49	ng/ul	0.03
79) Pyrene-d10	19.31	212	125099	10.06	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.17	264	154919	15.20	ng/ul	0.06
Target Compounds						Qvalue
14) Acetophenone	8.27	105	21933	3.68	ng/ul	96
28) Naphthalene	10.28	128	48068	4.25	ng/ul#	93
34) 2-Methylnaphthalene	11.91	142	57377	6.31	ng/ul	97
35) 1-Methylnaphthalene	12.13	142	30713	3.50	ng/ul	97
41) 1,1'-Biphenyl	12.95	154	14727	1.81	ng/ul#	90
45) Dimethylphthalate	13.59	163	106978	11.74	ng/ul	98
50) Acenaphthene	14.20	153	73377	10.63	ng/ul	95
54) Dibenzofuran	14.54	168	58464	5.75	ng/ul	92
59) Fluorene	15.19	166	89845	10.07	ng/ul	92
70) Phenanthrene	16.95	178	731173	85.58	ng/ul	97
72) Anthracene	17.03	178	215780	25.31	ng/ul	96
75) Carbazole	17.31	167	64194	8.92	ng/ul#	87
76) Di-n-butylphthalate	17.87	149	39065	3.87	ng/ul#	89
77) Fluoranthene	18.99	202	995167	105.02	ng/ul#	96
80) Pyrene	19.35	202	961229	62.19	ng/ul	99
83) Benzo(a)anthracene	21.11	228	631606	53.83	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	353377	48.98	ng/ul#	96
85) Chrysene	21.16	228	591636	56.12	ng/ul	96
88) Benzo(b)fluoranthene	22.66	252	855427	71.19	ng/ul#	94
89) Benzo(k)fluoranthene	22.69	252	236717m	20.54	ng/ul	
91) Benzo(a)pyrene	23.22	252	496733	47.35	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	200517	15.45	ng/ul	92

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

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