Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

Manual Integrations APPROVED
apatel
8/11/2015 9:14:09 AM

Quant Time: Aug 11 05:09:41 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	132775	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	582522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	351262	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	748940	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	657327	20.00	ng/ul	0.02
86) Perylene-d12	24.91	264	682141	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5960	1.98	ng/uL	0.00
5) Phenol-d5	7.20	99	81728	6.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	80484	10.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	71654	7.76	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	26267	2.59	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	51208	11.28	ng/ul	0.02
22) 2-Nitrophenol-d4	9.92	143	50105	10.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	80064	8.16	ng/ul	0.02
29) 4-Chloroaniline-d4	10.98	131	45297	4.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	318149	10.76	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	366770	9.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	23696	4.46	ng/ul	0.02
58) Fluorene-d10	15.66	176	241665	9.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	3892	1.06	ng/ul	0.02
71) Anthracene-d10	17.51	188	301914	8.43	ng/ul	0.00
79) Pyrene-d10	19.79	212	251885	7.39	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.68	264	162039	4.47	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.90	128	33757	1.10	ng/ul	98
45) Dimethylphthalate	14.11	163	84581	2.90	ng/ul	96
70) Phenanthrene	17.45	178	151996	3.74	ng/ul	97
77) Fluoranthene	19.46	202	322353	7.43	ng/ul	98
80) Pyrene	19.82	202	293215	6.60	ng/ul	99
83) Benzo(a)anthracene	21.66	228	165557	4.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	98373	3.70	ng/ul#	99
85) Chrysene	21.72	228	169223m	4.44	ng/ul	
88) Benzo(b)fluoranthene	23.88	252	265772	6.20	ng/ul#	90
89) Benzo(k)fluoranthene	23.95	252	91509m	2.22	ng/ul	
91) Benzo(a)pyrene	24.75	252	175576	4.31	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	28.59	276	119296	2.53	ng/ul	98
94) Benzo(g,h,i)perylene	29.74	276	107995	2.73	ng/ul#	93

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

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