Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018321.D
Acq On : 8 Aug 2015 9:00
Operator : UM/TP
Sample : G3095-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R8DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:23:10 PM

Quant Time: Aug 10 02:58:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	13444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	65824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	43417	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	95870	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	72900	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	70232	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	3455	2.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	2063m	2.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	2728	2.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	2826	2.65	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	1364	2.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	1662	2.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3080	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	1367	0.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	12432	2.84	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	14477	2.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	499	0.90	ng/ul	0.02
58) Fluorene-d10	15.09	176	12142	3.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.95	188	15056	2.91	ng/ul	0.00
79) Pyrene-d10	19.27	212	14137	3.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	12253	2.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	4785	1.27	ng/ul#	91
48) Acenaphthylene	13.81	152	6963	1.44	ng/ul	94
50) Acenaphthene	14.15	153	8223	2.53	ng/ul#	89
54) Dibenzofuran	14.49	168	5561	1.16	ng/ul	96
59) Fluorene	15.15	166	10217	2.46	ng/ul	88
70) Phenanthrene	16.89	178	199715	33.31	ng/ul	98
72) Anthracene	16.99	178	41059	6.81	ng/ul	99
75) Carbazole	17.26	167	11405	2.45	ng/ul#	93
77) Fluoranthene	18.93	202	334741	51.20	ng/ul#	98
80) Pyrene	19.29	202	321129	60.44	ng/ul	98
83) Benzo(a)anthracene	21.05	228	134189	27.04	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.00	149	128877	41.00	ng/ul#	96
85) Chrysene	21.10	228	129591	28.23	ng/ul#	91
88) Benzo(b)fluoranthene	22.58	252	160402	30.15	ng/ul#	89
89) Benzo(k)fluoranthene	22.61	252	58453m	11.50	ng/ul	
91) Benzo(a)pyrene	23.13	252	122334m	25.53	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.38	276	95408	16.30	ng/ul	98
93) Dibenzo(a,h)anthracene	25.37	278	28393m	5.57	ng/ul	
94) Benzo(g,h,i)perylene	26.05	276	89347	18.74	ng/ul	94

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

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