Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018135.D
Acq On : 28 Jul 2015 4:22
Operator : TP/UM
Sample : G3000-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02B8

Manual Integrations APPROVED
mohammad
7/28/2015 5:50:49 PM

Quant Time: Jul 28 06:55:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 02:39:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	36201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	170453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	105019	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	220996	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	235832	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	249790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	2641	4.56	ng/uL	0.00
5) Phenol-d5	6.69	99	64180	22.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	31508	22.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	60426	24.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	52215	21.08	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	32382	24.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	34968	24.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	61385	24.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	57568	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	186243	25.26	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	225258	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	24675	15.91	ng/ul	0.00
58) Fluorene-d10	15.18	176	166337	24.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	21358	15.12	ng/ul	0.00
71) Anthracene-d10	17.03	188	230579	24.09	ng/ul	0.00
79) Pyrene-d10	19.34	212	240257	22.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	243153	20.40	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.34	128	20353	2.55	ng/ul	98
45) Dimethylphthalate	13.65	163	104155	14.04	ng/ul	98
50) Acenaphthene	14.24	153	18475	2.97	ng/ul	98
54) Dibenzofuran	14.58	168	21609	2.44	ng/ul	98
59) Fluorene	15.23	166	30893	4.05	ng/ul	98
70) Phenanthrene	16.98	178	179699	16.18	ng/ul	97
72) Anthracene	17.06	178	25263	2.24	ng/ul	100
75) Carbazole	17.34	167	13220	1.35	ng/ul#	92
76) Di-n-butylphthalate	17.92	149	24320	1.89	ng/ul#	91
77) Fluoranthene	19.00	202	151520	12.81	ng/ul	95
80) Pyrene	19.37	202	125586	9.30	ng/ul	99
81) Butylbenzylphthalate	20.29	149	14869	2.69	ng/ul	98
83) Benzo(a)anthracene	21.12	228	47676	3.82	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	64619	8.16	ng/ul	98
85) Chrysene	21.18	228	55869m	4.76	ng/ul	
88) Benzo(b)fluoranthene	22.68	252	77420	5.66	ng/ul#	84
89) Benzo(k)fluoranthene	22.71	252	22578m	1.70	ng/ul	
91) Benzo(a)pyrene	23.23	252	45450	3.43	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.54	276	33888	2.22	ng/ul	95
94) Benzo(g,h,i)perylene	26.21	276	31873	2.52	ng/ul	98

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

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