Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020428.D
Acq On : 23 Dec 2015 4:49
Operator : UM/SJ
Sample : G4849-09DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N73DL

Manual Integrations APPROVED
Sohil
12/24/2015 5:32:49 PM

Quant Time: Dec 23 08:22:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 07:35:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	77041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	54949	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	128430	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	155596	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	150375	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	7.25	99	515	0.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	487	0.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	595	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	519	0.39	ng/ul	0.00
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.98	143	219	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	732	0.54	ng/ul	0.01
29) 4-Chloroaniline-d4	11.03	131	756	0.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	3112	0.70	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	3665	0.71	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	3055	0.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	4902	0.83	ng/ul	0.00
79) Pyrene-d10	19.84	212	4939	0.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	5314	0.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	272628	67.76	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	87609	28.51	ng/ul	100
41) 1,1'-Biphenyl	13.55	154	36290	8.75	ng/ul#	92
48) Acenaphthylene	14.44	152	9530	1.73	ng/ul	95
50) Acenaphthene	14.78	153	164756	44.57	ng/ul	99
54) Dibenzofuran	15.12	168	173228	31.50	ng/ul	99
59) Fluorene	15.76	166	170822	38.69	ng/ul	99
70) Phenanthrene	17.51	178	764155	108.78	ng/ul	98
72) Anthracene	17.60	178	80951	11.36	ng/ul	100
75) Carbazole	17.87	167	48960	8.18	ng/ul	99
77) Fluoranthene	19.51	202	452990	55.17	ng/ul	99
80) Pyrene	19.88	202	299180	31.77	ng/ul	97
83) Benzo(a)anthracene	21.71	228	72442	7.98	ng/ul	99
85) Chrysene	21.78	228	59257	6.93	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	33566	3.71	ng/ul	96
89) Benzo(k)fluoranthene	24.01	252	13548m	1.56	ng/ul	
91) Benzo(a)pyrene	24.85	252	19839	2.31	ng/ul	99

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

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