Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019519.D
Acq On : 6 Nov 2015 19:31
Operator : UM/NP
Sample : G4245-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY52

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:49:43 PM

Quant Time: Nov 09 15:34:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 23:58:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	44451	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	194585m	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.81	164	138574	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	351099	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	455052	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	438847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	678m	0.73	ng/uL	0.00
5) Phenol-d5	7.33	99	23948	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	81097	31.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	57064	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	43588	13.41	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49853	34.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	48824	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	88877	24.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	82910	22.25	ng/ul	0.03
44) Dimethylphthalate-d6	14.21	166	344145	30.12	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	392932	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	19131	10.54	ng/ul	0.00
58) Fluorene-d10	15.80	176	312304	29.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	58338	25.67	ng/ul	0.00
71) Anthracene-d10	17.66	188	505495	31.58	ng/ul	0.00
79) Pyrene-d10	19.92	212	592305	29.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	687998	31.24	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.95	108	6211	1.77	ng/ul#	66
24) 2,4-Dimethylphenol	10.21	107	30779m	6.11	ng/ul	
28) Naphthalene	11.16	128	15448247	1586.71	ng/ul#	1
34) 2-Methylnaphthalene	12.66	142	1137108	145.34	ng/ul	99
35) 1-Methylnaphthalene	12.89	142	2679491	361.96	ng/ul	97
41) 1,1'-Biphenyl	13.65	154	1132305	115.59	ng/ul#	91
48) Acenaphthylene	14.54	152	153644	11.85	ng/ul#	91
50) Acenaphthene	14.89	153	2709408	309.51	ng/ul#	92
54) Dibenzofuran	15.22	168	2665493	206.76	ng/ul#	77
59) Fluorene	15.86	166	1807476	160.72	ng/ul#	95
70) Phenanthrene	17.60	178	2540049m	143.34	ng/ul	
72) Anthracene	17.69	178	192515	10.66	ng/ul	96
75) Carbazole	17.97	167	3141761	217.99	ng/ul#	73
77) Fluoranthene	19.60	202	291642	12.71	ng/ul#	96
80) Pyrene	19.95	202	162339	6.36	ng/ul#	91

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

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