Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Manual Integrations APPROVED
MMDadoda
8/12/2015 3:53:32 PM

Quant Time: Aug 12 03:40:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	134475	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	615522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	355271	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	710323	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	611960	20.00	ng/ul	0.01
86) Perylene-d12	24.92	264	617227	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	5151	1.69	ng/uL	0.00
5) Phenol-d5	7.20	99	96965	7.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	82242	10.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	82853	8.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	33348	3.25	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55554	11.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	56116	11.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	93962	9.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	38805	3.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	328858	11.00	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	413593	10.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	35865	6.67	ng/ul	0.00
58) Fluorene-d10	15.66	176	267298	10.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	5911	1.69	ng/ul	0.00
71) Anthracene-d10	17.51	188	338797	9.97	ng/ul	0.00
79) Pyrene-d10	19.80	212	288796	9.10	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.69	264	216442	6.61	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.90	128	64210	1.97	ng/ul	97
45) Dimethylphthalate	14.11	163	99741	3.38	ng/ul	99
50) Acenaphthene	14.74	153	45677	1.72	ng/ul	93
54) Dibenzofuran	15.07	168	48051	1.39	ng/ul	97
59) Fluorene	15.71	166	51697	1.74	ng/ul	97
70) Phenanthrene	17.46	178	1047997	27.19	ng/ul	100
72) Anthracene	17.54	178	288359	7.34	ng/ul	100
75) Carbazole	17.81	167	117517	3.41	ng/ul	100
76) Di-n-butylphthalate	18.37	149	52382	1.16	ng/ul#	95
77) Fluoranthene	19.47	202	1667761	40.52	ng/ul	96
80) Pyrene	19.84	202	1444285	34.90	ng/ul	98
83) Benzo(a)anthracene	21.67	228	802344	21.15	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.58	149	112812	4.56	ng/ul#	99
85) Chrysene	21.73	228	735540	20.73	ng/ul	97
88) Benzo(b)fluoranthene	23.90	252	847609	21.86	ng/ul#	93
89) Benzo(k)fluoranthene	23.95	252	334661m	8.96	ng/ul	
91) Benzo(a)pyrene	24.77	252	582955	15.81	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	28.61	276	282554	6.62	ng/ul#	92
94) Benzo(g,h,i)perylene	29.77	276	236952	6.61	ng/ul	94

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

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