Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021838.D
Acq On : 11 May 2016 11:02
Operator : UM/SJ
Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XB0DL

Manual Integrations APPROVED
sohil
5/12/2016 7:25:04 PM

Quant Time: May 12 05:09:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56969	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	293966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	185558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	409588	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	432693	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	432004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2639	2.24	ng/uL	0.00
5) Phenol-d5	7.33	99	50390	11.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	24471	11.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	48058	14.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	38989	10.98	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22003	11.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23749	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	45722	13.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	26231m	7.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	181740	13.94	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	234771	12.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	24111m	10.79	ng/ul	0.01
58) Fluorene-d10	15.79	176	165917	12.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	18370	16.19	ng/ul	0.00
71) Anthracene-d10	17.64	188	255877	12.83	ng/ul	0.00
77) Pyrene-d10	19.92	212	266778	13.17	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	246262	12.00	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	31695	2.39	ng/ul	98
50) Acenaphthene	14.87	153	13580	1.03	ng/ul	92
59) Fluorene	15.85	166	17576	1.15	ng/ul	98
70) Phenanthrene	17.59	178	508551	22.71	ng/ul	97
72) Anthracene	17.68	178	66684	2.93	ng/ul	98
73) Carbazole	17.95	167	59711	3.03	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	27109	1.51	ng/ul#	94
75) Fluoranthene	19.59	202	1276787	50.18	ng/ul#	92
78) Pyrene	19.95	202	980066m	39.15	ng/ul	
81) Benzo(a)anthracene	21.81	228	585705	24.32	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	73486	8.13	ng/ul	95
83) Chrysene	21.88	228	600519	25.21	ng/ul	95
86) Benzo(b)fluoranthene	24.11	252	897835	36.31	ng/ul#	94
87) Benzo(k)fluoranthene	24.17	252	308174m	11.64	ng/ul	
89) Benzo(a)pyrene	25.02	252	547461	22.24	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.02	276	422498	14.48	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.05	278	128221m	5.28	ng/ul	
92) Benzo(g,h,i)perylene	30.20	276	333903	13.87	ng/ul#	92

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

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