Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023674.D
Acq On : 13 Aug 2016 2:37
Operator : UM/SJ
Sample : H4385-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS002-0612-01

Manual Integrations APPROVED
sohil
8/15/2016 6:50:17 PM

Quant Time: Aug 13 05:34:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	116613	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	525378	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	355121	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	800566m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	795482m	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	803913	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	6174	2.25	ng/uL	0.00
5) Phenol-d5	7.27	99	167318	14.24	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	113476	15.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	121662	15.18	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	129524	14.12	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	68686	16.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	80008	16.82	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	143061	15.95	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.09	131	139642	13.27	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	503558	17.32	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	595969	18.21	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	65355	13.17	ng/ul	0.00
57) Fluorene-d10	15.78	176	449038	16.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	64730m	12.60	ng/ul	-0.01
70) Anthracene-d10	17.65	188	651222	18.06	ng/ul	-0.01
76) Pyrene-d10	19.95	212	679768m	16.88	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.05	264	650528	17.88	ng/ul	-0.04
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	156957	5.45	ng/ul	99
47) Acenaphthylene	14.51	152	93486	2.73	ng/ul#	92
69) Phenanthrene	17.60	178	555249m	13.39	ng/ul	
71) Anthracene	17.69	178	67700	1.60	ng/ul	96
74) Fluoranthene	19.61	202	881323m	20.76	ng/ul	
77) Pyrene	19.98	202	1144050m	23.26	ng/ul	
80) Benzo(a)anthracene	21.86	228	563061m	12.57	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	31541m	1.26	ng/ul	
82) Chrysene	21.93	228	621424m	15.26	ng/ul	
85) Benzo(b)fluoranthene	24.21	252	632522	13.83	ng/ul#	95
86) Benzo(k)fluoranthene	24.26	252	205603	4.57	ng/ul#	92
88) Benzo(a)pyrene	25.12	252	519790m	11.77	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	307912	5.94	ng/ul#	88
91) Benzo(g,h,i)perylene	30.42	276	289814	6.74	ng/ul#	88

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

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