Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014428.D
Acq On : 01 Mar 2018 07:32
Operator : SJ/JU
Sample : J1678-11DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W1DL

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:51 PM

Quant Time: Mar 01 08:29:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	142519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	673293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	415930	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	935563	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	822766	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	668695	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1905	0.57	ng/uL	0.00
5) Phenol-d5	6.73	99	34931m	2.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	18017	2.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	29647	3.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	29856m	2.83	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	14443	2.90	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	14784	2.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	28493m	2.67	ng/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	6491m	0.62	ng/ul	0.06
43) Dimethylphthalate-d6	13.60	166	114120	3.32	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	143109	3.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	8245m	1.74	ng/ul	0.09
57) Fluorene-d10	15.18	176	100686	3.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.03	188	164617	3.65	ng/ul	0.00
76) Pyrene-d10	19.34	212	173347	4.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	111911	3.44	ng/ul	0.01
Target Compounds						Qvalue
69) Phenanthrene	16.98	178	422921	7.846	ng/ul	98
71) Anthracene	17.07	178	99561m	1.837	ng/ul	
73) Di-n-butylphthalate	17.92	149	384429	6.537	ng/ul	97
74) Fluoranthene	19.01	202	780161	12.114	ng/ul#	95
77) Pyrene	19.37	202	648674	11.863	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	318648	6.206	ng/ul	95
82) Chrysene	21.19	228	302863	6.323	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	361723	8.079	ng/ul#	88
86) Benzo(k)fluoranthene	22.73	252	121506m	2.854	ng/ul	
88) Benzo(a)pyrene	23.24	252	251650	6.290	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	25.51	276	166211	4.281	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.51	278	51064	1.583	ng/ul#	53
91) Benzo(g,h,i)perylene	26.18	276	137649	4.376	ng/ul#	90

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

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