Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014423.D
Acq On : 01 Mar 2018 04:33
Operator : SJ/JU
Sample : J1646-21 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z9

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:38 PM

Quant Time: Mar 01 07:17:17 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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	141473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	655484	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	409844	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	909909	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	937020	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	731908	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2367m	0.72	ng/uL	0.00
5) Phenol-d5	6.72	99	53789	4.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	30773	4.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	45539	4.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	38303	3.66	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	24687	5.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.39	143	25899	5.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	47670m	4.59	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	24206m	2.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	179090	5.29	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	220273	5.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	9704	2.08	ng/ul	0.05
57) Fluorene-d10	15.18	176	158969	5.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	4802	0.88	ng/ul	0.01
70) Anthracene-d10	17.03	188	252395	5.75	ng/ul	0.00
76) Pyrene-d10	19.34	212	287118	5.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	199581	5.60	ng/ul	0.00
Target Compounds						Qvalue
60) 4-Nitroaniline	15.29	138	33511	5.560	ng/ul	85
69) Phenanthrene	16.97	178	214740	4.096	ng/ul	99
74) Fluoranthene	19.01	202	600038	9.580	ng/ul#	94
77) Pyrene	19.37	202	567276	9.110	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	312806	5.349	ng/ul	99
82) Chrysene	21.19	228	269766	4.945	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	344927	7.038	ng/ul#	91
86) Benzo(k)fluoranthene	22.71	252	90747m	1.948	ng/ul	
88) Benzo(a)pyrene	23.23	252	226712	5.177	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.49	276	157584	3.708	ng/ul#	98
91) Benzo(g,h,i)perylene	26.15	276	138140	4.013	ng/ul#	92

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

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