Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014391.D
Acq On : 27 Feb 2018 20:14
Operator : SJ/JU
Sample : J1646-22 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE600

Manual Integrations APPROVED
Sohil
2/28/2018 1:59:27 PM

Quant Time: Feb 28 03:05:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	104996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	443211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	249147	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	524743m	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	478827	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	485926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2534	1.03	ng/uL	0.00
5) Phenol-d5	6.73	99	29769	3.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	19675	3.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	29526	4.34	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	24047	3.10	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	15169	4.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	13507m	3.98	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	27925m	3.98	ng/ul	0.03
29) 4-Chloroaniline-d4	10.47	131	26679m	3.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	97390	4.73	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	117580	4.63	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	1055	0.37	ng/ul	0.07
57) Fluorene-d10	15.19	176	84399	4.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.04	188	118260	4.67	ng/ul	0.00
76) Pyrene-d10	19.35	212	132732	5.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	114623	4.85	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	16.99	178	362525m	11.991	ng/ul	
71) Anthracene	17.08	178	68990	2.269	ng/ul	98
74) Fluoranthene	19.02	202	499410m	13.826	ng/ul	
77) Pyrene	19.38	202	420677	13.220	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	222838	7.457	ng/ul	97
82) Chrysene	21.19	228	190542	6.835	ng/ul	94
85) Benzo(b)fluoranthene	22.69	252	224407	6.897	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	84128m	2.720	ng/ul	
88) Benzo(a)pyrene	23.23	252	172301	5.926	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	109538	3.882	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.48	278	29836m	1.273	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	80142	3.506	ng/ul#	95

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

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