Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5T0DL

Manual Integrations APPROVED
Sohil
3/7/2018 12:02:35 PM

Quant Time: Mar 07 00:59:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	354341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	195018	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	405574	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	382693	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	369769	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2321	1.02	ng/uL	0.00
5) Phenol-d5	6.75	99	33718	4.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	21105	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	30508	4.83	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	23714m	3.29	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	15898m	6.07	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	13073	4.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.98	165	26957m	4.80	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	21234m	3.84	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	84099	5.22	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	109914	5.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	6748m	3.03	ng/ul	0.08
57) Fluorene-d10	15.18	176	75247	5.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3360	1.38	ng/ul	0.01
70) Anthracene-d10	17.04	188	108571	5.55	ng/ul	0.00
76) Pyrene-d10	19.34	212	125586	6.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	105739	5.88	ng/ul	-0.01
Target Compounds						Qvalue
16) 4-Methylphenol	8.32	108	7767m	1.079	ng/ul	
69) Phenanthrene	16.97	178	268444	11.488	ng/ul	98
71) Anthracene	17.07	178	53386m	2.272	ng/ul	
74) Fluoranthene	19.01	202	353254	12.653	ng/ul#	95
77) Pyrene	19.37	202	408892	16.077	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	205636	8.610	ng/ul	96
82) Chrysene	21.19	228	204986	9.200	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	229479	9.268	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	70048m	2.976	ng/ul	
88) Benzo(a)pyrene	23.24	252	164288	7.426	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.50	276	109031	5.078	ng/ul	98
90) Dibenzo(a,h)anthracene	25.49	278	33362m	1.870	ng/ul	
91) Benzo(g,h,i)perylene	26.17	276	94729	5.447	ng/ul#	95

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

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