Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014481.D
Acq On : 05 Mar 2018 20:11
Operator : SJ/JU
Sample : J1678-10DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W0DL

Manual Integrations APPROVED
Sohil
3/6/2018 5:47:07 PM

Quant Time: Mar 06 01:05:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	85544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	328161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	193417	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	409566	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	355045	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	304944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	390	0.20	ng/uL	0.00
5) Phenol-d5	6.76	99	9438m	1.31	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.87	67	6698m	1.53	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	9487m	1.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	5910m	0.93	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	3382	1.39	ng/ul	0.03
22) 2-Nitrophenol-d4	9.41	143	3143	1.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	7535m	1.45	ng/ul	0.08
29) 4-Chloroaniline-d4	10.50	131	1576	0.31	ng/ul	0.05
43) Dimethylphthalate-d6	13.60	166	29136	1.82	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	35481	1.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	481	0.22	ng/ul	0.07
57) Fluorene-d10	15.19	176	24454	1.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	315	0.13	ng/ul	0.03
70) Anthracene-d10	17.04	188	40030	2.03	ng/ul	0.00
76) Pyrene-d10	19.35	212	40453	2.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	32046	2.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.33	128	43732	2.595	ng/ul#	97
49) Acenaphthene	14.24	153	41953	3.200	ng/ul	94
53) Dibenzofuran	14.59	168	37550m	1.910	ng/ul	
58) Fluorene	15.24	166	53739	3.167	ng/ul	95
69) Phenanthrene	16.98	178	881727	37.365	ng/ul	99
71) Anthracene	17.07	178	172168	7.255	ng/ul	97
72) Carbazole	17.37	167	70473	3.532	ng/ul	98
74) Fluoranthene	19.02	202	1041530	36.943	ng/ul#	94
77) Pyrene	19.38	202	964450	40.875	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	439656	19.842	ng/ul	98
82) Chrysene	21.19	228	395803	19.148	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	421398	20.638	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	152836m	7.873	ng/ul	
88) Benzo(a)pyrene	23.24	252	298297	16.349	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.51	276	189001	10.675	ng/ul	99
90) Dibenzo(a,h)anthracene	25.51	278	62203	4.228	ng/ul#	73
91) Benzo(g,h,i)perylene	26.18	276	150711	10.508	ng/ul	98

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

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