Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014427.D
Acq On : 01 Mar 2018 06:56
Operator : SJ/JU
Sample : J1678-10 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W0

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:48 PM

Quant Time: Mar 01 07:52:43 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	159429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	747260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	441612	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	941598	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	940367	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	703881	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2654m	0.71	ng/uL	0.01
5) Phenol-d5	6.73	99	41805m	3.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	22629	2.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	32702	3.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	31806	2.70	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	17800	3.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	18396m	3.22	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	36959m	3.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	24675m	2.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	128374	3.52	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	161100	3.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	10106m	2.01	ng/ul	0.06
57) Fluorene-d10	15.18	176	110830	3.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	340	0.06	ng/ul	0.00
70) Anthracene-d10	17.04	188	172304	3.79	ng/ul	0.00
76) Pyrene-d10	19.35	212	190238	3.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	130135	3.80	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.33	128	179742	4.683	ng/ul#	95
34) 2-Methylnaphthalene	11.96	142	73272	2.508	ng/ul	91
47) Acenaphthylene	13.89	152	105821	2.490	ng/ul#	97
49) Acenaphthene	14.24	153	185972	6.214	ng/ul	99
53) Dibenzofuran	14.58	168	178933	3.987	ng/ul	92
58) Fluorene	15.23	166	238130	6.146	ng/ul	98
69) Phenanthrene	16.99	178	4253840	78.410	ng/ul	99
71) Anthracene	17.07	178	827122	15.160	ng/ul	100
72) Carbazole	17.36	167	350744	7.645	ng/ul	98
74) Fluoranthene	19.02	202	5464000	84.301	ng/ul#	92
77) Pyrene	19.39	202	5121005	81.944	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	2317664	39.491	ng/ul	99
82) Chrysene	21.19	228	2049827	37.441	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1951078	41.397	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	626218m	13.975	ng/ul	
88) Benzo(a)pyrene	23.24	252	1364187	32.391	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	753649	18.441	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	227225	6.691	ng/ul#	92
91) Benzo(g,h,i)perylene	26.16	276	569417	17.199	ng/ul#	95

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

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