Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014422.D
Acq On : 01 Mar 2018 03:57
Operator : SJ/JU
Sample : J1646-16 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y0

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:36 PM

Quant Time: Mar 01 07:11:13 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	129781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	628317	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	378336	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	842705	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	865985	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	722604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2097	0.69	ng/uL	0.00
5) Phenol-d5	6.72	99	52578	4.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	37565m	5.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	51267	6.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	44003	4.58	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	28955	6.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	28242	5.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	53752m	5.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	64780	6.61	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	192865	6.17	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	234304	6.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	343	0.08	ng/ul	0.09
57) Fluorene-d10	15.17	176	169938	6.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4213	0.83	ng/ul	0.02
70) Anthracene-d10	17.03	188	251692	6.19	ng/ul	0.00
76) Pyrene-d10	19.34	212	304755	6.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	225157	6.40	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	43004	1.396	ng/ul#	95
69) Phenanthrene	16.97	178	202359	4.168	ng/ul	98
74) Fluoranthene	19.01	202	344337	5.936	ng/ul#	94
77) Pyrene	19.37	202	307920	5.350	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	181353	3.356	ng/ul	96
82) Chrysene	21.19	228	161162	3.197	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	176695	3.652	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	68016m	1.479	ng/ul	
88) Benzo(a)pyrene	23.23	252	128936	2.982	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	70236	1.674	ng/ul#	92
91) Benzo(g,h,i)perylene	26.14	276	58583	1.724	ng/ul#	91

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

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