Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013797.D
Acq On : 25 Jan 2018 08:32
Operator : SJ/JU
Sample : J1079-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJJ2

Manual Integrations APPROVED
Sohil
1/25/2018 5:35:56 PM

Quant Time: Jan 25 11:19:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	165707	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	708151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	654560	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	827605	20.00	ng/ul	0.04
75) Chrysene-d12	21.22	240	856411	20.00	ng/ul	0.02
83) Perylene-d12	23.41	264	828532	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1600	0.38	ng/uL	0.00
5) Phenol-d5	6.79	99	59358	4.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	36702	4.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	48060	4.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	48392	4.95	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	30962	5.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	28884	4.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.01	165	49779	4.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	21499	2.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.67	166	182479	3.38	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	194831	2.83	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	53750	6.13	ng/ul	0.02
57) Fluorene-d10	15.26	176	129929	2.74	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	21557	4.33	ng/ul	0.03
70) Anthracene-d10	17.14	188	210886	5.23	ng/ul	0.05
76) Pyrene-d10	19.42	212	249269	6.25	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.27	264	205005	5.38	ng/ul	0.01
Target Compounds						Qvalue
27) 2,4-Dichlorophenol	10.04	162	39243	3.630	ng/ul#	92
28) Naphthalene	10.43	128	15423984	437.803	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	9111118	346.872	ng/ul	95
38) 2,4,6-Trichlorophenol	12.67	196	49515	3.527	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	3353755	61.553	ng/ul	98
49) Acenaphthene	14.33	153	10927911	250.680	ng/ul	98
53) Dibenzofuran	14.67	168	11867884	180.967	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	3543115	257.860	ng/ul#	92
58) Fluorene	15.33	166	10473385	194.962	ng/ul	99
68) Pentachlorophenol	16.70	266	47722495m	8535.307	ng/ul	
69) Phenanthrene	17.18	178	9322320	202.645	ng/ul	99
72) Carbazole	17.43	167	4576182	116.836	ng/ul	99
74) Fluoranthene	19.09	202	22760674m	414.485	ng/ul	
80) Benzo(a)anthracene	21.20	228	4620206	89.282	ng/ul	98
82) Chrysene	21.25	228	4165701m	87.749	ng/ul	
85) Benzo(b)fluoranthene	22.76	252	2834225	55.702	ng/ul#	95
86) Benzo(k)fluoranthene	22.79	252	830019m	16.877	ng/ul	
88) Benzo(a)pyrene	23.32	252	1371497	28.533	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.61	276	487409	8.590	ng/ul#	98
91) Benzo(g,h,i)perylene	26.29	276	360329	7.716	ng/ul#	90

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

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