Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

Manual Integrations APPROVED
Sohil
3/6/2018 5:47:02 PM

Quant Time: Mar 06 00:07:12 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	96156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	366222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	204617	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	405287	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	357189	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	334213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2988	1.33	ng/uL	0.00
5) Phenol-d5	6.74	99	46798	5.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29505	6.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	39419	6.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	32690	4.60	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	18240	6.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	21974	7.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	37089m	6.39	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	27144	4.75	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	127796	7.56	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	152333	7.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	12174m	5.22	ng/ul	0.02
57) Fluorene-d10	15.18	176	98309	6.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	7618	3.13	ng/ul	0.02
70) Anthracene-d10	17.04	188	145535	7.44	ng/ul	0.00
76) Pyrene-d10	19.35	212	146191	7.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	120762m	7.42	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.64	163	31728	1.904	ng/ul	97
47) Acenaphthylene	13.89	152	37858	1.922	ng/ul#	93
49) Acenaphthene	14.24	153	24015	1.732	ng/ul#	86
58) Fluorene	15.24	166	33636	1.874	ng/ul#	88
69) Phenanthrene	16.99	178	565674	24.225	ng/ul	98
71) Anthracene	17.07	178	140577	5.986	ng/ul	98
72) Carbazole	17.36	167	40815	2.067	ng/ul#	90
74) Fluoranthene	19.02	202	1015812	36.411	ng/ul#	96
77) Pyrene	19.38	202	843508	35.534	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	444175	19.925	ng/ul	97
82) Chrysene	21.20	228	383503	18.441	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	494636	22.103	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	165773	7.791	ng/ul#	95
88) Benzo(a)pyrene	23.25	252	370957	18.550	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.51	276	232691	11.991	ng/ul	99
90) Dibenzo(a,h)anthracene	25.50	278	69037	4.282	ng/ul#	86
91) Benzo(g,h,i)perylene	26.19	276	167493	10.655	ng/ul#	94

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

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