Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014420.D
Acq On : 01 Mar 2018 02:45
Operator : SJ/JU
Sample : J1646-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X3

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:31 PM

Quant Time: Mar 01 03:23:10 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	7.52	152	103800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	483016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	312109	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	742072	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	871245	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	765224	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	12169m	5.02	ng/uL	0.00
5) Phenol-d5	6.72	99	276804	31.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	171831	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	222828	33.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	208879	27.21	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	121586	34.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	138625	37.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	239836	31.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	202584	26.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	899590	34.90	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1110524	34.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	107678	30.26	ng/ul	0.00
57) Fluorene-d10	15.17	176	774010	33.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	113984	25.61	ng/ul	0.00
70) Anthracene-d10	17.03	188	1235645	34.51	ng/ul	0.00
76) Pyrene-d10	19.34	212	1453192	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1285195	34.51	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.33	128	87197	3.515	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	33600	1.779	ng/ul	99
44) Dimethylphthalate	13.65	163	212905	8.377	ng/ul#	96
47) Acenaphthylene	13.89	152	163642	5.447	ng/ul#	95
49) Acenaphthene	14.24	153	156125	7.381	ng/ul	99
53) Dibenzofuran	14.58	168	160742	5.068	ng/ul	98
58) Fluorene	15.23	166	173509	6.337	ng/ul#	91
69) Phenanthrene	16.98	178	4351631	101.780	ng/ul	99
71) Anthracene	17.07	178	643691	14.970	ng/ul	99
72) Carbazole	17.35	167	256505	7.094	ng/ul	97
74) Fluoranthene	19.02	202	6097322	119.366	ng/ul#	91
77) Pyrene	19.38	202	5581972	96.406	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	2479387	45.598	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	39382	1.149	ng/ul	95
82) Chrysene	21.19	228	2377660	46.874	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	2458995	47.992	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	816896m	16.769	ng/ul	
88) Benzo(a)pyrene	23.24	252	1764933	38.547	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	871181	19.608	ng/ul	97
90) Dibenzo(a,h)anthracene	25.49	278	253721	6.873	ng/ul#	86
91) Benzo(g,h,i)perylene	26.15	276	658761	18.303	ng/ul#	97

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

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