Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Manual Integrations APPROVED
Sohil
3/1/2018 5:14:37 PM

Quant Time: Mar 08 18:06:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	433599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	244412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	512228	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	472684	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	455546	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	11141	4.73	ng/uL	0.00
5) Phenol-d5	6.72	99	226935	26.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	144159	27.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	192091	29.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	184973	24.80	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	95360	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	109405	32.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	192721	28.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	167206	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	621101	30.77	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	801283	32.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	62460m	22.41	ng/ul	0.03
57) Fluorene-d10	15.18	176	525579	29.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	21890	7.12	ng/ul	0.01
70) Anthracene-d10	17.04	188	802475	32.47	ng/ul	0.00
76) Pyrene-d10	19.35	212	810256	33.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	697889	31.48	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	24318	2.718	ng/ul	93
44) Dimethylphthalate	13.65	163	157515	7.914	ng/ul	97
47) Acenaphthylene	13.90	152	67632	2.875	ng/ul	97
58) Fluorene	15.24	166	28677	1.337	ng/ul#	98
69) Phenanthrene	16.98	178	605613	20.521	ng/ul	99
71) Anthracene	17.07	178	161323	5.435	ng/ul	96
72) Carbazole	17.36	167	55243	2.214	ng/ul	99
74) Fluoranthene	19.01	202	1170010	33.183	ng/ul#	93
77) Pyrene	19.38	202	1122319	35.728	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	656394	22.250	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	20832	1.120	ng/ul	97
82) Chrysene	21.19	228	567611	20.625	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	767239	25.153	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	229405m	7.910	ng/ul	
88) Benzo(a)pyrene	23.24	252	532729	19.545	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	362200	13.694	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	101169	4.603	ng/ul#	69
91) Benzo(g,h,i)perylene	26.16	276	270807	12.639	ng/ul#	96

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

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