Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014374.D
Acq On : 27 Feb 2018 01:47
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X7

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:50 PM

Quant Time: Feb 27 06:58:02 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	157419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	712778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	400166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	789350	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	542968	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	483820	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	16502m	4.49	ng/uL	0.00
5) Phenol-d5	6.73	99	377439	28.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	227707	28.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	314704	30.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	303355	26.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	162535	30.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	180179	33.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	332431	29.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	283000	25.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	1070659	32.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1350313	33.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	109356m	23.97	ng/ul	0.02
57) Fluorene-d10	15.19	176	862652	29.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	32515	6.87	ng/ul	0.02
70) Anthracene-d10	17.05	188	1238340	32.52	ng/ul	0.00
76) Pyrene-d10	19.36	212	1071846	38.27	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.20	264	737912	31.34	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	44497	3.187	ng/ul	97
28) Naphthalene	10.35	128	128233	3.503	ng/ul	97
44) Dimethylphthalate	13.65	163	268824	8.250	ng/ul	100
47) Acenaphthylene	13.90	152	120587	3.131	ng/ul	96
49) Acenaphthene	14.25	153	77577	2.860	ng/ul	98
53) Dibenzofuran	14.59	168	61368	1.509	ng/ul	88
58) Fluorene	15.25	166	83871	2.389	ng/ul	95
69) Phenanthrene	16.99	178	1823700	40.100	ng/ul	99
71) Anthracene	17.08	178	405226	8.860	ng/ul	98
72) Carbazole	17.36	167	150981	3.926	ng/ul#	96
74) Fluoranthene	19.02	202	2847485	52.406	ng/ul#	93
77) Pyrene	19.39	202	2390307	66.243	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	1086905	32.075	ng/ul	97
82) Chrysene	21.19	228	923557	29.215	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1067148	32.941	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	277245m	9.001	ng/ul	
88) Benzo(a)pyrene	23.24	252	781701	27.003	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	485542	17.284	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	138263	5.923	ng/ul#	87
91) Benzo(g,h,i)perylene	26.16	276	361327	15.878	ng/ul#	97

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

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