Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014373.D
Acq On : 27 Feb 2018 01:11
Operator : SJ/JU
Sample : J1646-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE600

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:47 PM

Quant Time: Feb 27 06:46:37 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	169290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	759357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	404473	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	753313	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	514428	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	482614	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14753	3.73	ng/uL	0.00
5) Phenol-d5	6.73	99	333017	23.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	232296	26.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	292377	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	270643	21.62	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	159445	28.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	162587	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	298208	24.79	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	315358	26.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	962102	28.80	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1235238	29.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52173m	11.31	ng/ul	0.02
57) Fluorene-d10	15.19	176	755943	25.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	12676	2.81	ng/ul	0.02
70) Anthracene-d10	17.05	188	1030925	28.36	ng/ul	0.00
76) Pyrene-d10	19.35	212	871892	32.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	667803	28.43	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.35	128	79634	2.042	ng/ul#	93
44) Dimethylphthalate	13.65	163	209405	6.358	ng/ul	98
47) Acenaphthylene	13.90	152	68388	1.757	ng/ul	96
49) Acenaphthene	14.25	153	133656	4.876	ng/ul	95
53) Dibenzofuran	14.59	168	131322	3.195	ng/ul	95
58) Fluorene	15.25	166	184681	5.205	ng/ul	98
69) Phenanthrene	16.99	178	3081645	71.001	ng/ul	99
71) Anthracene	17.08	178	587901	13.469	ng/ul	98
72) Carbazole	17.36	167	253867	6.917	ng/ul	98
73) Di-n-butylphthalate	17.92	149	211992	4.477	ng/ul	98
74) Fluoranthene	19.02	202	3619857	69.807	ng/ul#	93
77) Pyrene	19.39	202	2886177	84.422	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	1285573	40.042	ng/ul	98
82) Chrysene	21.19	228	1147176	38.303	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1341641	41.518	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	430960	14.027	ng/ul#	98
88) Benzo(a)pyrene	23.24	252	962330	33.325	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	604664	21.579	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	171820	7.379	ng/ul#	88
91) Benzo(g,h,i)perylene	26.16	276	487870	21.492	ng/ul#	92

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

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