Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014372.D
Acq On : 27 Feb 2018 00:35
Operator : SJ/JU
Sample : J1646-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z8

Quant Time: Feb 27 06:41:43 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	176156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	762557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	405638	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	737832	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	496096	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	473332	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	27761	6.75	ng/uL	0.00
5) Phenol-d5	6.73	99	586175	39.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	378125	41.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	499866	43.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	464135	35.63	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	260660	46.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	288118	49.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	521123	43.14	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	365438	30.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	1685300	50.31	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	2059617	49.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	156643	33.87	ng/ul	0.02
57) Fluorene-d10	15.19	176	1314869	43.81	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.35	200	57017	12.88	ng/ul	0.02
70) Anthracene-d10	17.04	188	1727921	48.54	ng/ul	0.00
76) Pyrene-d10	19.36	212	1471048	57.49	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.20	264	1123036	48.75	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.76	94	68491	4.384	ng/ul	93
28) Naphthalene	10.35	128	53147	1.357	ng/ul	97
44) Dimethylphthalate	13.66	163	454481	13.759	ng/ul	98
47) Acenaphthylene	13.90	152	71892	1.841	ng/ul	95
49) Acenaphthene	14.25	153	95034	3.457	ng/ul	95
53) Dibenzofuran	14.59	168	75870	1.841	ng/ul	89
58) Fluorene	15.25	166	87806	2.467	ng/ul#	93
69) Phenanthrene	16.99	178	1979860	46.573	ng/ul	99
71) Anthracene	17.08	178	348318	8.147	ng/ul	95
72) Carbazole	17.36	167	166328	4.627	ng/ul	99
74) Fluoranthene	19.02	202	2486583	48.959	ng/ul#	92
77) Pyrene	19.39	202	2112528	64.076	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	806024	26.033	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	57650	2.953	ng/ul	94
82) Chrysene	21.19	228	749557	25.952	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	902986	28.491	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	285304	9.468	ng/ul#	93
88) Benzo(a)pyrene	23.24	252	646114	22.814	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.50	276	414969	15.100	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	114957	5.034	ng/ul#	84
91) Benzo(g,h,i)perylene	26.16	276	321257	14.430	ng/ul	98

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

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