Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014404.D
Acq On : 28 Feb 2018 15:12
Operator : SJ/JU
Sample : J1646-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE600

Manual Integrations APPROVED
Sohil
3/1/2018 5:14:42 PM

Quant Time: Mar 08 17:00:21 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	99844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	404121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	221249	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	459266	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	445470	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	443381	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	8400	3.60	ng/uL	0.00
5) Phenol-d5	6.72	99	162570	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	112027	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	147066	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	121794	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	74517	24.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	79381	25.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	132834	20.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	149712m	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	444273	24.32	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	561728	24.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	25113m	9.95	ng/ul	0.04
57) Fluorene-d10	15.18	176	369026	22.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	6251	2.27	ng/ul	0.01
70) Anthracene-d10	17.04	188	539510	24.35	ng/ul	0.00
76) Pyrene-d10	19.35	212	584998	25.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	525281	24.34	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.34	128	37465	1.805	ng/ul	97
44) Dimethylphthalate	13.64	163	97610	5.418	ng/ul	97
47) Acenaphthylene	13.90	152	47822	2.246	ng/ul	96
49) Acenaphthene	14.24	153	61735	4.117	ng/ul	90
53) Dibenzofuran	14.59	168	61758	2.747	ng/ul	100
58) Fluorene	15.24	166	90330	4.654	ng/ul	96
69) Phenanthrene	16.99	178	1615757	61.062	ng/ul	99
71) Anthracene	17.07	178	329633m	12.387	ng/ul	
72) Carbazole	17.36	167	141963	6.344	ng/ul#	95
73) Di-n-butylphthalate	17.92	149	102626	3.555	ng/ul#	94
74) Fluoranthene	19.02	202	2275286	71.971	ng/ul#	93
77) Pyrene	19.38	202	1912354	64.596	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	946180	34.033	ng/ul	98
82) Chrysene	21.19	228	895796	34.539	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1103937	37.185	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	316131m	11.200	ng/ul	
88) Benzo(a)pyrene	23.24	252	766805	28.904	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	488062	18.959	ng/ul	98
90) Dibenzo(a,h)anthracene	25.49	278	135943	6.355	ng/ul#	88
91) Benzo(g,h,i)perylene	26.16	276	387771	18.594	ng/ul	97

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

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