Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014401.D
Acq On : 28 Feb 2018 13:24
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X5

Manual Integrations APPROVED
Sohil
3/1/2018 5:14:34 PM

Quant Time: Mar 08 16:53:30 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	106376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	442232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	244259	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	508683	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	478250	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	480296	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	13027	5.24	ng/uL	0.00
5) Phenol-d5	6.72	99	230642	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	145555	26.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	196687	28.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	182522	23.20	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	96452	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	108668	32.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	196404	28.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	155885m	22.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	609908	30.24	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	774008	31.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58830m	21.12	ng/ul	0.03
57) Fluorene-d10	15.18	176	510199	28.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	32490	10.65	ng/ul	0.00
70) Anthracene-d10	17.04	188	751596	30.62	ng/ul	0.00
76) Pyrene-d10	19.35	212	778454	31.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	694936	29.73	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	26900	2.851	ng/ul	95
28) Naphthalene	10.35	128	30016	1.322	ng/ul	97
44) Dimethylphthalate	13.65	163	146442	7.362	ng/ul	98
47) Acenaphthylene	13.90	152	40442	1.720	ng/ul	99
69) Phenanthrene	16.98	178	571848	19.512	ng/ul	98
71) Anthracene	17.07	178	124938	4.239	ng/ul	98
72) Carbazole	17.36	167	56255	2.270	ng/ul#	95
74) Fluoranthene	19.02	202	1121878	32.039	ng/ul#	93
77) Pyrene	19.38	202	1014840	31.930	ng/ul#	94
78) Butylbenzylphthalate	20.29	149	39242	2.986	ng/ul	88
80) Benzo(a)anthracene	21.14	228	523996	17.556	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	99611	5.293	ng/ul#	91
82) Chrysene	21.19	228	516052	18.534	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	704078	21.893	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	193487m	6.328	ng/ul	
88) Benzo(a)pyrene	23.24	252	464928	16.178	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	311767	11.180	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.49	278	87573	3.779	ng/ul#	82
91) Benzo(g,h,i)perylene	26.16	276	273712	12.116	ng/ul#	91

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

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