Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005635.D
Acq On : 24 May 2016 07:20
Operator : UM/SJ
Sample : H3124-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9RE

Manual Integrations APPROVED
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5/24/2016 7:42:10 PM

Quant Time: May 24 13:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	230535	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	857005	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.47	164	366797	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.23	188	620339	20.00	ng/ul	0.04
75) Chrysene-d12	21.40	240	528832	20.00	ng/ul	0.04
83) Perylene-d12	23.70	264	572276	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	17624	3.35	ng/uL	0.00
5) Phenol-d5	7.01	99	449864	23.81	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	284387	25.97	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	373095	23.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	357643	23.10	ng/ul	0.03
19) Nitrobenzene-d5	8.98	128	185751	28.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	186643	25.88	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	357157	26.29	ng/ul	0.04
29) 4-Chloroaniline-d4	10.73	131	479951	35.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	792903	26.48	ng/ul	0.03
46) Acenaphthylene-d8	14.17	160	1003331	26.80	ng/ul	0.04
51) 4-Nitrophenol-d4	14.71	143	139806	24.69	ng/ul	0.05
57) Fluorene-d10	15.47	176	622312	23.89	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.57	200	38914	10.91	ng/ul	0.02
70) Anthracene-d10	17.32	188	786782	26.63	ng/ul	0.04
76) Pyrene-d10	19.61	212	763809	31.89	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.56	264	662320	24.79	ng/ul	0.06
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	182944	6.18	ng/ul#	76
47) Acenaphthylene	14.20	152	178870m	4.70	ng/ul	
49) Acenaphthene	14.54	153	115116	4.59	ng/ul#	86
58) Fluorene	15.53	166	192644	6.72	ng/ul#	80
69) Phenanthrene	17.27	178	676231	19.50	ng/ul#	90
71) Anthracene	17.36	178	195884	5.54	ng/ul#	76
74) Fluoranthene	19.28	202	715558	18.34	ng/ul	99
77) Pyrene	19.64	202	1199405	39.45	ng/ul	98
80) Benzo(a)anthracene	21.38	228	335020	10.78	ng/ul#	74
81) Bis(2-ethylhexyl)phthalate	21.29	149	157542	8.71	ng/ul#	87
82) Chrysene	21.43	228	465217	15.73	ng/ul#	83
85) Benzo(b)fluoranthene	23.01	252	492301	14.58	ng/ul#	68
86) Benzo(k)fluoranthene	23.04	252	156527m	4.90	ng/ul	
88) Benzo(a)pyrene	23.61	252	504578	15.41	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.06	276	319818	8.22	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	337312	10.32	ng/ul#	84

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

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