Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012116.D
Acq On : 13 Oct 2017 01:39
Operator : SJ/JU
Sample : I5490-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-70(5-7)-092717

Manual Integrations APPROVED
Sohil
10/15/2017 12:36:24 PM

Quant Time: Oct 13 05:12:59 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	334259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1418993	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	847431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1960679	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1970485	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1710093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	5686	0.81	ng/uL	0.00
5) Phenol-d5	6.99	99	90878	3.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	62289	3.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	80747	3.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	77284	3.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	38731	3.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	43933m	3.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	81313	3.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	42110	1.86	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	303502	4.05	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	354243	3.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	19416m	1.72	ng/ul	0.03
57) Fluorene-d10	15.47	176	259128	4.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	23213	1.73	ng/ul	0.00
70) Anthracene-d10	17.32	188	410863	4.24	ng/ul	0.00
76) Pyrene-d10	19.62	212	451223	4.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	343401	4.17	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.93	163	126412	1.68	ng/ul	98
58) Fluorene	15.53	166	101028	1.41	ng/ul	99
69) Phenanthrene	17.26	178	1712856	15.36	ng/ul	99
71) Anthracene	17.36	178	435487	3.77	ng/ul	98
72) Carbazole	17.63	167	144199	1.48	ng/ul	95
74) Fluoranthene	19.28	202	2729636	20.28	ng/ul#	84
77) Pyrene	19.64	202	1996725	15.34	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	1266007	9.87	ng/ul	97
82) Chrysene	21.44	228	1092392	9.07	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	1260654	11.30	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	457489m	4.25	ng/ul	
88) Benzo(a)pyrene	23.62	252	859557	8.17	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	506624	4.54	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.08	278	141583m	1.51	ng/ul	
91) Benzo(g,h,i)perylene	26.80	276	403084	4.41	ng/ul#	93

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

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