Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001861.D
Acq On : 07 Jul 2015 10:36
Operator : TP/UM
Sample : G2861-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 08 03:13:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : G93L3

Manual Integrations APPROVED
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7/8/2015 4:24:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	55587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	209150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	125142	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	270214	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	324823	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	336931	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	2029	1.74	ng/uL	0.00
5) Phenol-d5	6.83	99	42085	9.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	26394	11.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	36531	10.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	27533	8.03	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	17987	12.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	18626	11.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	36517	10.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	111027	32.20	ng/ul	-0.03
43) Dimethylphthalate-d6	13.73	166	98341	10.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	131932	10.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	22462	13.12	ng/ul	0.00
57) Fluorene-d10	15.32	176	97603	11.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	12327	7.47	ng/ul	0.00
70) Anthracene-d10	17.16	188	144120	11.45	ng/ul	0.00
78) Pyrene-d10	19.46	212	160420	11.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	170218	11.46	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.48	105	7582	1.39	ng/ul#	66
28) Naphthalene	10.50	128	18452	1.75	ng/ul#	43
34) 2-Methylnaphthalene	12.13	142	573215	75.06	ng/ul	98
44) Dimethylphthalate	13.77	163	35231	3.47	ng/ul#	93
49) Acenaphthene	14.39	153	45233	5.46	ng/ul	95
58) Fluorene	15.37	166	84411	8.55	ng/ul#	94
69) Phenanthrene	17.11	178	359694	24.55	ng/ul	97
76) Fluoranthene	19.13	202	179797	10.26	ng/ul	99
79) Pyrene	19.49	202	260019	14.43	ng/ul	100
82) Benzo(a)anthracene	21.24	228	123463	6.51	ng/ul#	91
84) Chrysene	21.29	228	127074	7.06	ng/ul#	94
87) Benzo(b)fluoranthene	22.81	252	215929	11.01	ng/ul#	95
88) Benzo(k)fluoranthene	22.86	252	68131m	3.59	ng/ul	
90) Benzo(a)pyrene	23.39	252	188677	9.89	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.72	276	174080	7.69	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	41357	2.17	ng/ul#	83
93) Benzo(g,h,i)perylene	26.41	276	156826	8.24	ng/ul	97

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

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