Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007400.D
Acq On : 03 Sep 2016 10:46
Operator : UM/SJ
Sample : H4639-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD393

Manual Integrations APPROVED
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9/6/2016 1:16:36 PM

Quant Time: Sep 06 08:40:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	217512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1023024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	692875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1779827	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2284841	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2170950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12591	2.96	ng/uL	0.00
5) Phenol-d5	6.96	99	368074	17.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	210631	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	292274	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	296775	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	160452	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	189338	21.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	349810	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	241789	11.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1283089	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1561705	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	135114	11.97	ng/ul	0.00
57) Fluorene-d10	15.42	176	1180352	22.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	203309	18.17	ng/ul	0.00
70) Anthracene-d10	17.27	188	1918040	23.07	ng/ul	0.00
76) Pyrene-d10	19.56	212	2454390	25.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2328545	23.29	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.63	128	198332	3.90	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	119212	2.86	ng/ul	99
44) Dimethylphthalate	13.88	163	697647	11.72	ng/ul	100
53) Dibenzofuran	14.82	168	169891	2.45	ng/ul	93
69) Phenanthrene	17.21	178	712715	7.46	ng/ul	99
71) Anthracene	17.30	178	156224	1.58	ng/ul	96
74) Fluoranthene	19.23	202	1343293	11.20	ng/ul	98
77) Pyrene	19.59	202	935429	7.63	ng/ul	98
80) Benzo(a)anthracene	21.33	228	555385m	4.12	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.26	149	74101	1.00	ng/ul#	95
82) Chrysene	21.39	228	1331937m	10.92	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	1520415	11.84	ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	311340m	2.62	ng/ul	
88) Benzo(a)pyrene	23.53	252	352632	2.87	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.91	276	340459	2.26	ng/ul	96
91) Benzo(g,h,i)perylene	26.61	276	266290	2.08	ng/ul	99

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

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