Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013440.D
Acq On : 15 Dec 2017 15:32
Operator : SJ/JU
Sample : I6759-04DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A03DL

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:32 PM

Quant Time: Dec 15 16:29:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	200906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	871402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	530382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1219634	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1114886	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	913212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2484	0.61	ng/uL	0.00
5) Phenol-d5	6.86	99	51087	2.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	34578	3.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	43036	3.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	41824	2.82	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	23365	3.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	22990	3.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	43855	2.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	58158	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	164634	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	203334	3.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	11935	1.46	ng/ul	0.00
57) Fluorene-d10	15.32	176	140764	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	10683	1.39	ng/ul	0.00
70) Anthracene-d10	17.17	188	220178	3.60	ng/ul	0.00
76) Pyrene-d10	19.46	212	235454	4.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	157983	3.40	ng/ul	0.00
Target Compounds						Qvalue
40) 1,1'-Biphenyl	13.15	154	265273	5.918	ng/ul	99
49) Acenaphthene	14.39	153	1533256	41.759	ng/ul	99
53) Dibenzofuran	14.72	168	1390356	25.651	ng/ul	97
58) Fluorene	15.37	166	1281441	28.577	ng/ul	99
69) Phenanthrene	17.12	178	6302247	90.955	ng/ul	99
71) Anthracene	17.20	178	760025	10.731	ng/ul	99
72) Carbazole	17.47	167	228227	3.746	ng/ul	97
74) Fluoranthene	19.13	202	4083094	48.086	ng/ul#	92
77) Pyrene	19.50	202	2752527	40.638	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	508441	7.188	ng/ul	99
82) Chrysene	21.30	228	579280	8.827	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	207407	3.369	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	73209m	1.264	ng/ul	
88) Benzo(a)pyrene	23.39	252	111389	2.014	ng/ul#	96

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

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