Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013498.D
Acq On : 18 Dec 2017 14:48
Operator : SJ/JU
Sample : I6776-04MEDL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A56MEDL

Manual Integrations APPROVED
Sohil
12/19/2017 4:56:29 PM

Quant Time: Dec 19 01:20:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	168297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	754737	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	436967	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	944741	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	741743	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	624613	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	527	0.16	ng/uL	0.00
5) Phenol-d5	6.85	99	23631	1.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	14404	1.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	20288	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	21841	1.76	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	12002	2.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	10277	1.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	22243m	1.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	19761m	1.63	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	77316	1.99	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	92694	1.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	6122m	0.91	ng/ul	0.04
57) Fluorene-d10	15.32	176	68544	2.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	5062	0.85	ng/ul	0.01
70) Anthracene-d10	17.16	188	102868	2.17	ng/ul	0.00
76) Pyrene-d10	19.46	212	101021	2.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	69083	2.17	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	48764	1.098	ng/ul#	94
71) Anthracene	17.20	178	85511	1.559	ng/ul	99
74) Fluoranthene	19.13	202	4130310	62.795	ng/ul#	92
77) Pyrene	19.50	202	4977497	110.457	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	717911	15.255	ng/ul	98
82) Chrysene	21.30	228	865940	19.833	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	493059	11.710	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	169679	4.282	ng/ul#	94
88) Benzo(a)pyrene	23.39	252	138224	3.654	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	83094	2.214	ng/ul#	88
91) Benzo(g,h,i)perylene	26.40	276	51822	1.751	ng/ul#	93

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

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