Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013502.D
Acq On : 18 Dec 2017 17:12
Operator : SJ/JU
Sample : I6778-14MEDL2 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL2

Manual Integrations APPROVED
Sohil
12/19/2017 4:56:39 PM

Quant Time: Dec 19 02:10:14 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	215816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	951564	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	531446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1111450	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	907513	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	768073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	494	0.11	ng/uL	0.00
5) Phenol-d5	6.86	99	22072	1.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	14101	1.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	17771	1.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	19858	1.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	11845	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	10537	1.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	21668	1.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	14527	0.95	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	68395	1.45	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	85666	1.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	1532	0.19	ng/ul	0.00
57) Fluorene-d10	15.31	176	61186	1.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	4152	0.59	ng/ul	0.02
70) Anthracene-d10	17.17	188	90860	1.63	ng/ul	0.00
76) Pyrene-d10	19.46	212	84047	1.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	58096	1.48	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	11335220	231.535	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	2338816	63.551	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	646481	14.393	ng/ul	98
47) Acenaphthylene	14.03	152	283346	5.246	ng/ul#	93
49) Acenaphthene	14.38	153	2419790	65.773	ng/ul	99
53) Dibenzofuran	14.72	168	2578975	47.484	ng/ul	97
58) Fluorene	15.37	166	2878258	64.060	ng/ul	99
69) Phenanthrene	17.12	178	12364783	195.820	ng/ul	97
71) Anthracene	17.20	178	1645414	25.493	ng/ul	99
72) Carbazole	17.47	167	711184	12.810	ng/ul	100
74) Fluoranthene	19.13	202	5721260	73.936	ng/ul#	92
77) Pyrene	19.50	202	3622872	65.710	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	921048	15.996	ng/ul	98
82) Chrysene	21.29	228	758461	14.198	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	515909	9.964	ng/ul#	97
86) Benzo(k)fluoranthene	22.85	252	174220m	3.576	ng/ul	
88) Benzo(a)pyrene	23.38	252	345231	7.423	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	149193	3.233	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	41000	1.043	ng/ul#	75
91) Benzo(g,h,i)perylene	26.39	276	110989	3.049	ng/ul#	89

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

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