Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:54 PM

Quant Time: Jan 30 08:16:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	84021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	329010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	220900	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	521399	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	660322	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	638983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	283	0.13	ng/uL	0.02
5) Phenol-d5	6.79	99	1278	0.20	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1843	0.47	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	3457	0.66	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	2389m	0.48	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	1617	0.63	ng/ul	0.04
22) 2-Nitrophenol-d4	9.46	143	1143	0.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	2762m	0.53	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	817	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	17549	0.96	ng/ul	0.01
46) Acenaphthylene-d8	13.91	160	19785	0.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	303	0.10	ng/ul	-0.16
57) Fluorene-d10	15.22	176	15948	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	537	0.17	ng/ul	0.04
70) Anthracene-d10	17.07	188	26567m	1.05	ng/ul	0.00
76) Pyrene-d10	19.38	212	30467	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	27906	0.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1122533	68.580	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	559624	45.858	ng/ul	92
40) 1,1'-Biphenyl	13.05	154	139338	7.578	ng/ul	97
49) Acenaphthene	14.29	153	472030	32.085	ng/ul	97
53) Dibenzofuran	14.63	168	531707	24.024	ng/ul	98
58) Fluorene	15.28	166	411133	22.678	ng/ul	96
68) Pentachlorophenol	16.65	266	13326	3.783	ng/ul	89
69) Phenanthrene	17.02	178	2230196	76.950	ng/ul	99
71) Anthracene	17.11	178	376297	12.588	ng/ul	96
72) Carbazole	17.39	167	88742	3.596	ng/ul	98
74) Fluoranthene	19.04	202	1298790	37.542	ng/ul#	97
77) Pyrene	19.41	202	852263	21.231	ng/ul#	98
80) Benzo(a)anthracene	21.16	228	181051	4.538	ng/ul	99
82) Chrysene	21.22	228	139846	3.821	ng/ul	97
85) Benzo(b)fluoranthene	22.72	252	85726	2.185	ng/ul#	95

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

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