Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013962.D
Acq On : 29 Jan 2018 17:41
Operator : SJ/JU
Sample : J1244-10DL 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B51DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:06 PM

Quant Time: Jan 30 02:01:26 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	93165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	394898	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	255514	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	587677	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	660500	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	636260	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.78	99	1302	0.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1575	0.36	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2546m	0.44	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	1972	0.36	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	2136m	0.70	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	658	0.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	3406	0.54	ng/ul	0.05
29) 4-Chloroaniline-d4	10.54	131	4250	0.78	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	17966	0.85	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	19634	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	123	0.04	ng/ul	0.00
57) Fluorene-d10	15.23	176	17260	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	442	0.12	ng/ul	0.03
70) Anthracene-d10	17.07	188	24859	0.87	ng/ul	0.00
76) Pyrene-d10	19.39	212	29622	0.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	24806	0.85	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1705783	86.825	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1134244	77.436	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	319277	15.011	ng/ul	97
49) Acenaphthene	14.29	153	1268120	74.521	ng/ul	99
53) Dibenzofuran	14.63	168	1212522	47.364	ng/ul	100
58) Fluorene	15.28	166	1169378	55.764	ng/ul	100
69) Phenanthrene	17.03	178	5769705	176.624	ng/ul	99
71) Anthracene	17.12	178	649338	19.272	ng/ul	98
72) Carbazole	17.40	167	165793	5.961	ng/ul	97
74) Fluoranthene	19.05	202	3341263	85.688	ng/ul#	95
77) Pyrene	19.42	202	2159284	53.775	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	444486	11.137	ng/ul	98
82) Chrysene	21.22	228	366600	10.013	ng/ul	95
85) Benzo(b)fluoranthene	22.72	252	202157	5.174	ng/ul	97
86) Benzo(k)fluoranthene	22.76	252	85553m	2.265	ng/ul	
88) Benzo(a)pyrene	23.27	252	111751	3.027	ng/ul	97

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

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