Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013328.D
Acq On : 12 Dec 2017 05:30
Operator : SJ/JU
Sample : I6758-13 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B14

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:32 PM

Quant Time: Dec 12 07:27:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	262508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1126135	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	666778	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1435082	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1469964	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1230171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1903	0.36	ng/uL	0.00
5) Phenol-d5	6.86	99	42945	1.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27512	2.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	36856	2.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	36516	1.88	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	21516	2.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	20770	2.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	40440	2.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	50563	2.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	141112	2.38	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	161365	2.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	15015	1.46	ng/ul	0.01
57) Fluorene-d10	15.33	176	112343	2.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	11858	1.31	ng/ul	0.01
70) Anthracene-d10	17.18	188	177273	2.47	ng/ul	0.00
76) Pyrene-d10	19.47	212	188114	2.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	135211	2.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.53	128	20602497m	355.593	ng/ul	
34) 2-Methylnaphthalene	12.14	142	5208486	119.588	ng/ul	94
40) 1,1'-Biphenyl	13.16	154	1298580	23.044	ng/ul	97
47) Acenaphthylene	14.05	152	492407	7.267	ng/ul#	95
49) Acenaphthene	14.40	153	4666420	101.095	ng/ul	99
53) Dibenzofuran	14.73	168	4804706	70.509	ng/ul	100
58) Fluorene	15.39	166	5437087	96.449	ng/ul	99
69) Phenanthrene	17.13	178	18275395m	224.156	ng/ul	
71) Anthracene	17.22	178	3066477	36.796	ng/ul	98
72) Carbazole	17.49	167	1079507	15.060	ng/ul	100
74) Fluoranthene	19.15	202	11548851	115.590	ng/ul#	90
77) Pyrene	19.51	202	7133224	79.875	ng/ul#	91
80) Benzo(a)anthracene	21.26	228	2092134	22.432	ng/ul	97
82) Chrysene	21.30	228	1741302	20.124	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1350025	16.280	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	439404m	5.630	ng/ul	
88) Benzo(a)pyrene	23.40	252	793871	10.657	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	342872	4.639	ng/ul	96
90) Dibenzo(a,h)anthracene	25.73	278	102314	1.626	ng/ul#	80
91) Benzo(g,h,i)perylene	26.40	276	255378	4.380	ng/ul	98

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

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