Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009634.D
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT68

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:19 AM

Quant Time: Feb 07 14:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	213484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	904583	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	549946	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1098276	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	969250	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	1070144	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	902m	0.17	ng/uL	0.02
5) Phenol-d5	6.64	99	21145	1.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	13588	1.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	15746	1.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	15420	1.04	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	6459	0.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	7307	0.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	14789	1.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	5417m	0.36	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	50694	1.26	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	61553	1.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	5807m	0.77	ng/ul	0.04
57) Fluorene-d10	15.07	176	45687	1.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	4255	0.62	ng/ul	0.01
70) Anthracene-d10	16.92	188	72485m	1.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	71131	1.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	70330	1.33	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	779352	14.681	ng/ul	99
71) Anthracene	16.96	178	348949	5.491	ng/ul	98
76) Fluoranthene	18.90	202	2055422	28.753	ng/ul	98
79) Pyrene	19.27	202	5188422	73.329	ng/ul	98
82) Benzo(a)anthracene	21.03	228	1598603m	23.888	ng/ul	
84) Chrysene	21.08	228	1551763	23.292	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	1981585	29.596	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	376391m	5.708	ng/ul	
90) Benzo(a)pyrene	23.07	252	1626618	26.222	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	888824	12.052	ng/ul	93
92) Dibenzo(a,h)anthracene	25.23	278	280135	4.512	ng/ul#	84
93) Benzo(g,h,i)perylene	25.86	276	911348	14.744	ng/ul	96

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

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