Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009706.D
Acq On : 11 Feb 2020 15:50
Operator : CG/JU
Sample : L1324-14 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT69

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:17 PM

Quant Time: Feb 12 02:45:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	261695	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.17	136	1113631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	670607	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	1316016	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	1196253	20.00	ng/ul	0.01
85) Perylene-d12	23.16	264	1265919	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	569	0.09	ng/uL	0.00
5) Phenol-d5	6.62	99	20588	0.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	14344	0.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	16893	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	16710	0.92	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	7822	0.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	8085	0.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	16197	0.94	ng/ul	0.01
29) 4-Chloroaniline-d4	10.34	131	7627	0.41	ng/ul	0.01
43) Dimethylphthalate-d6	13.49	166	57361	1.17	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	67719	1.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	4992m	0.54	ng/ul	0.03
57) Fluorene-d10	15.06	176	51537	1.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	4938	0.60	ng/ul	0.01
70) Anthracene-d10	16.92	188	78526m	1.31	ng/ul	0.00
78) Pyrene-d10	19.23	212	78118	1.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	72781	1.17	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	130553	2.162	ng/ul	98
47) Acenaphthylene	13.78	152	2363040	36.505	ng/ul	100
58) Fluorene	15.14	166	107682	2.103	ng/ul#	59
69) Phenanthrene	16.86	178	320937	4.276	ng/ul	99
71) Anthracene	16.95	178	1325634	17.408	ng/ul	99
76) Fluoranthene	18.90	202	6098799	71.200	ng/ul	99
79) Pyrene	19.27	202	15668702m	179.427	ng/ul	
82) Benzo(a)anthracene	21.03	228	5830370m	70.590	ng/ul	
84) Chrysene	21.09	228	5021701	61.072	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	4632786	58.493	ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	1519995m	19.487	ng/ul	
90) Benzo(a)pyrene	23.08	252	4426556	60.322	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.23	276	2067826	23.702	ng/ul	95
92) Dibenzo(a,h)anthracene	25.22	278	719294m	9.795	ng/ul	
93) Benzo(g,h,i)perylene	25.87	276	2118193	28.969	ng/ul	98

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

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