Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009646.D
Acq On : 07 Feb 2020 13:48
Operator : CG/JU
Sample : L1324-17DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:52 AM

Quant Time: Feb 07 16:17:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	707821	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	437919	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	903281	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	809310	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	852926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	471	0.12	ng/uL	0.02
5) Phenol-d5	6.64	99	14520	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	11546	1.17	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	11405	1.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11080	0.95	ng/ul	0.01
19) Nitrobenzene-d5	8.58	128	5421	1.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	5789	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	10687	0.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	9569	0.81	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	41934	1.31	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	48239	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	1908	0.32	ng/ul	0.05
57) Fluorene-d10	15.07	176	38758	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1863	0.33	ng/ul	0.01
70) Anthracene-d10	16.93	188	59339	1.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	63932	1.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	61071	1.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1395630	36.359	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	321939	11.985	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	58911	1.728	ng/ul	96
47) Acenaphthylene	13.79	152	313672	7.420	ng/ul	98
58) Fluorene	15.13	166	141408	4.228	ng/ul	96
69) Phenanthrene	16.87	178	667863	12.965	ng/ul	99
71) Anthracene	16.96	178	161953	3.098	ng/ul	99
76) Fluoranthene	18.90	202	370983	6.310	ng/ul	99
79) Pyrene	19.26	202	793075	13.424	ng/ul	98
82) Benzo(a)anthracene	21.03	228	204902	3.667	ng/ul#	93
84) Chrysene	21.08	228	197487	3.550	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	209563	3.927	ng/ul#	98
88) Benzo(k)fluoranthene	22.57	252	57732m	1.099	ng/ul	
90) Benzo(a)pyrene	23.07	252	226880	4.589	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.22	276	94931	1.615	ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	95446	1.937	ng/ul	98

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

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