Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010062.D
Acq On : 03 Mar 2020 15:15
Operator : CG/JU
Sample : L1507-17ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15ME

Manual Integrations APPROVED
mohammad
3/4/2020 7:51:30 AM

Quant Time: Mar 03 16:00:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	54733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	263541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	161270	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	301746	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	340242	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	421366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	3603	2.71	ng/uL	0.00
5) Phenol-d5	6.58	99	75955	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	54104	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	61135	17.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	66552	17.97	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	32975m	17.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	38192	18.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	70868	17.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	101464	22.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	221473	18.39	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	275453	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	25643	11.66	ng/ul	0.02
58) Fluorene-d10	15.01	176	171973	16.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	16433	8.77	ng/ul	0.01
71) Anthracene-d10	16.87	188	271867	19.66	ng/ul	0.00
79) Pyrene-d10	19.17	212	308813	17.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	388674	18.47	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.16	128	736537	51.827	ng/ul	99
34) 2-Methylnaphthalene	11.78	142	534681	54.183	ng/ul	97
41) 1,1'-Biphenyl	12.83	154	142188	11.479	ng/ul	99
48) Acenaphthylene	13.73	152	15753	1.026	ng/ul#	87
50) Acenaphthene	14.07	153	952032	90.441	ng/ul	97
54) Dibenzofuran	14.42	168	862261	58.359	ng/ul	99
59) Fluorene	15.07	166	652888	52.654	ng/ul	98
70) Phenanthrene	16.82	178	3801445	220.749	ng/ul	98
72) Anthracene	16.90	178	383030	21.758	ng/ul	99
75) Carbazole	17.18	167	153975	9.932	ng/ul	98
77) Fluoranthene	18.84	202	2894375	143.487	ng/ul	95
80) Pyrene	19.21	202	2018855	82.302	ng/ul	95
83) Benzo(a)anthracene	20.97	228	607470	25.981	ng/ul	97
85) Chrysene	21.03	228	341912	14.853	ng/ul	97
88) Benzo(b)fluoranthene	22.48	252	379808	13.902	ng/ul	98
89) Benzo(k)fluoranthene	22.52	252	109189	4.221	ng/ul	97
91) Benzo(a)pyrene	22.99	252	215940	8.788	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	58529	2.006	ng/ul	95
94) Benzo(g,h,i)perylene	25.74	276	43512	1.779	ng/ul#	94

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

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