Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010052.D
Acq On : 02 Mar 2020 22:27
Operator : CG/JU
Sample : L1619-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDW1

Manual Integrations APPROVED
mohammad
3/4/2020 7:50:55 AM

Quant Time: Mar 03 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	390757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	255756	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	537392	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	477789	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	511121	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	2927	1.38	ng/uL	0.01
5) Phenol-d5	6.58	99	60955	8.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	44074	8.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	47382	8.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	47482	8.04	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	22903	8.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.23	143	25405	8.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	45381	7.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.29	131	57192	8.47	ng/ul	0.02
44) Dimethylphthalate-d6	13.44	166	172923	9.05	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	190145	8.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	13958m	4.00	ng/ul	0.04
58) Fluorene-d10	15.02	176	149200	9.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	13552m	4.06	ng/ul	0.01
71) Anthracene-d10	16.87	188	223742	9.08	ng/ul	0.00
79) Pyrene-d10	19.17	212	258701	10.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	243054	9.52	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.16	128	32279	1.532	ng/ul#	95
34) 2-Methylnaphthalene	11.79	142	94664	6.470	ng/ul	95
41) 1,1'-Biphenyl	12.83	154	59292	3.018	ng/ul	98
50) Acenaphthene	14.07	153	325986	19.527	ng/ul	100
54) Dibenzofuran	14.42	168	333842	14.248	ng/ul	99
59) Fluorene	15.07	166	279336	14.205	ng/ul	96
70) Phenanthrene	16.81	178	1198432	39.076	ng/ul	99
72) Anthracene	16.90	178	98888	3.154	ng/ul	99
75) Carbazole	17.19	167	28714	1.040	ng/ul#	92
77) Fluoranthene	18.84	202	634871	17.672	ng/ul	99
80) Pyrene	19.20	202	435104	12.631	ng/ul	97
83) Benzo(a)anthracene	20.97	228	88212	2.687	ng/ul	97
85) Chrysene	21.03	228	69579	2.153	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	46053	1.390	ng/ul#	85

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

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