Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009702.D
Acq On : 11 Feb 2020 11:51
Operator : CG/JU
Sample : L1324-04MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT61MEDL

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:06 PM

Quant Time: Feb 12 01:12:25 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	128506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	529160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	344743	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	737527	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	701747	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	707174	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	661	0.21	ng/uL	0.00
5) Phenol-d5	6.63	99	12352	1.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	11671	1.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	10879	1.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	9798	1.10	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	6061	1.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	5646	1.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	10542	1.28	ng/ul	0.02
29) 4-Chloroaniline-d4	10.34	131	8974m	1.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.49	166	51357	2.04	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	49752	1.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	3184m	0.67	ng/ul	0.05
57) Fluorene-d10	15.06	176	45910	2.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2984	0.65	ng/ul	0.01
70) Anthracene-d10	16.92	188	66885	2.00	ng/ul	0.00
78) Pyrene-d10	19.23	212	69332	1.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	65067	1.87	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	3266655	113.837	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	910789	45.354	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	210215	7.832	ng/ul	98
47) Acenaphthylene	13.78	152	823312	24.741	ng/ul	99
49) Acenaphthene	14.13	153	54705	2.418	ng/ul	97
53) Dibenzofuran	14.47	168	72000	2.286	ng/ul	98
58) Fluorene	15.12	166	428421	16.273	ng/ul	100
69) Phenanthrene	16.86	178	2323513	55.242	ng/ul	99
71) Anthracene	16.95	178	425364	9.967	ng/ul	98
76) Fluoranthene	18.89	202	967009	20.144	ng/ul	99
79) Pyrene	19.26	202	1304871	25.472	ng/ul	100
82) Benzo(a)anthracene	21.02	228	485050m	10.011	ng/ul	
84) Chrysene	21.07	228	408304	8.465	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	295582	6.681	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	107320	2.463	ng/ul	98
90) Benzo(a)pyrene	23.06	252	281292	6.862	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.21	276	131562	2.699	ng/ul	94
92) Dibenzo(a,h)anthracene	25.20	278	42037m	1.025	ng/ul	
93) Benzo(g,h,i)perylene	25.83	276	119234	2.919	ng/ul	97

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

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