Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:08 PM

Quant Time: Feb 12 01:27:00 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	150632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	631977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	405080	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	835387	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	841032	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	824045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	599	0.16	ng/uL	0.01
5) Phenol-d5	6.63	99	16905	1.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	13343	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	13615	1.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	14018	1.34	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	6946	1.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	6453	1.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	12361	1.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.33	131	16857	1.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	54709	1.85	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	59429	1.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	2737m	0.49	ng/ul	0.05
57) Fluorene-d10	15.07	176	47641	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	2885m	0.55	ng/ul	0.02
70) Anthracene-d10	16.92	188	74948	1.97	ng/ul	0.00
78) Pyrene-d10	19.23	212	80751	1.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	76685	1.89	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	3097469	90.380	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	919321	38.331	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	153437	4.865	ng/ul	95
47) Acenaphthylene	13.78	152	632161	16.167	ng/ul	99
49) Acenaphthene	14.13	153	47842	1.800	ng/ul	98
53) Dibenzofuran	14.47	168	52150	1.409	ng/ul	100
58) Fluorene	15.12	166	380197	12.290	ng/ul	98
69) Phenanthrene	16.86	178	1811054	38.014	ng/ul	100
71) Anthracene	16.95	178	400601	8.287	ng/ul	99
76) Fluoranthene	18.89	202	735417	13.525	ng/ul	100
79) Pyrene	19.26	202	1021003	16.630	ng/ul	98
82) Benzo(a)anthracene	21.02	228	354105	6.098	ng/ul	94
84) Chrysene	21.07	228	305849	5.291	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	228371	4.430	ng/ul#	97
88) Benzo(k)fluoranthene	22.57	252	66672m	1.313	ng/ul	
90) Benzo(a)pyrene	23.06	252	240809	5.041	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.21	276	90653	1.596	ng/ul	92
93) Benzo(g,h,i)perylene	25.84	276	83159	1.747	ng/ul#	89

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

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