Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009707.D
Acq On : 11 Feb 2020 16:55
Operator : CG/JU
Sample : L1324-05MEDL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62MEDL

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:19 PM

Quant Time: Feb 12 02:55:20 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	124059	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.17	136	533301	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	331447	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	691673	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	635637	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	634092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	894	0.30	ng/uL	0.00
5) Phenol-d5	6.63	99	20671m	1.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	14613	2.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	16862	2.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	17771	2.06	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	7888	1.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	8693	1.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	16192	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.33	131	20190	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	61068	2.52	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	70206	2.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	4230m	0.93	ng/ul	0.04
57) Fluorene-d10	15.06	176	54095	2.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3884	0.90	ng/ul	0.01
70) Anthracene-d10	16.92	188	82542	2.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	89956	2.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	84600	2.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	2816121	97.375	ng/ul	100
34) 2-Methylnaphthalene	11.84	142	869190	42.946	ng/ul	96
40) 1,1'-Biphenyl	12.88	154	173404	6.719	ng/ul	96
47) Acenaphthylene	13.77	152	770144	24.072	ng/ul	99
49) Acenaphthene	14.13	153	48148	2.214	ng/ul	91
53) Dibenzofuran	14.47	168	60438	1.996	ng/ul	99
58) Fluorene	15.12	166	321356	12.696	ng/ul	100
69) Phenanthrene	16.86	178	1855327	47.035	ng/ul	99
71) Anthracene	16.95	178	244301	6.104	ng/ul	98
76) Fluoranthene	18.89	202	744787	16.544	ng/ul	100
79) Pyrene	19.26	202	1023076	22.048	ng/ul	99
82) Benzo(a)anthracene	21.02	228	337883m	7.699	ng/ul	
84) Chrysene	21.07	228	304528	6.970	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	239225	6.030	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	70823m	1.813	ng/ul	
90) Benzo(a)pyrene	23.06	252	187075	5.090	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	103736	2.374	ng/ul	91
93) Benzo(g,h,i)perylene	25.83	276	100993	2.757	ng/ul#	91

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

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