Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009654.D
Acq On : 07 Feb 2020 19:50
Operator : CG/JU
Sample : L1324-12DL2 25X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT67DL2

Quant Time: Feb 07 23:50:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	186367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	771613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	471231	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	993477	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	926384	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	937530	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	6126	0.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	5469	0.50	ng/ul	0.02
9) 2-Chlorophenol-d4	6.98	132	5026	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	4076	0.31	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	2789	0.49	ng/ul	0.02
22) 2-Nitrophenol-d4	9.29	143	1945	0.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3643	0.30	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	17621	0.51	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	19769	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.07	176	16625	0.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.93	188	28225	0.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	26386	0.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	25048	0.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1910316	45.653	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	967071	33.025	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	102716	2.800	ng/ul	99
47) Acenaphthylene	13.79	152	73460	1.615	ng/ul#	91
49) Acenaphthene	14.13	153	331972	10.736	ng/ul	98
53) Dibenzofuran	14.47	168	46094	1.070	ng/ul	92
58) Fluorene	15.13	166	225302	6.261	ng/ul	97
69) Phenanthrene	16.87	178	1146836	20.242	ng/ul	99
71) Anthracene	16.96	178	242481	4.218	ng/ul	99
76) Fluoranthene	18.89	202	244593	3.783	ng/ul	98
79) Pyrene	19.26	202	368898	5.455	ng/ul	98
82) Benzo(a)anthracene	21.03	228	133814	2.092	ng/ul#	89
84) Chrysene	21.07	228	111118	1.745	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	59552	1.015	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	74435	1.370	ng/ul#	93

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

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