Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009613.D
Acq On : 06 Feb 2020 17:23
Operator : CG/JU
Sample : L1323-18DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56DL

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:19 AM

Quant Time: Feb 06 22:32:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	157787	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	668496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	407870	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	844876	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	777114	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	851603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3514	0.91	ng/uL	0.00
5) Phenol-d5	6.64	99	56090	4.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	42817	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	45248	4.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	44379	4.05	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	21304	4.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	23001	4.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	43849	4.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	58495	5.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	142809	4.80	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	171758	4.77	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	12883	2.29	ng/ul	0.00
57) Fluorene-d10	15.07	176	128295	4.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	11530	2.19	ng/ul	0.00
70) Anthracene-d10	16.93	188	195873	5.10	ng/ul	0.00
78) Pyrene-d10	19.23	212	210722	5.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	210495	5.02	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.24	128	7346361	202.647	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	1681980	66.299	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	277896	8.751	ng/ul	99
47) Acenaphthylene	13.79	152	923088	23.446	ng/ul	99
49) Acenaphthene	14.13	153	80146	2.994	ng/ul	97
53) Dibenzofuran	14.48	168	86163	2.312	ng/ul	97
58) Fluorene	15.13	166	586750	18.837	ng/ul	97
69) Phenanthrene	16.87	178	2810809	58.337	ng/ul	99
71) Anthracene	16.96	178	635141	12.992	ng/ul	99
76) Fluoranthene	18.90	202	1077223	19.589	ng/ul	99
79) Pyrene	19.26	202	1612352	28.422	ng/ul	98
82) Benzo(a)anthracene	21.03	228	551106m	10.271	ng/ul	
84) Chrysene	21.07	228	457024	8.556	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	333884	6.266	ng/ul	94
88) Benzo(k)fluoranthene	22.57	252	137856m	2.627	ng/ul	
90) Benzo(a)pyrene	23.06	252	431753	8.746	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	155535	2.650	ng/ul	93
93) Benzo(g,h,i)perylene	25.84	276	164096	3.336	ng/ul	97

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

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