Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009549.D
Acq On : 04 Feb 2020 03:34
Operator : CG/JU
Sample : L1271-10DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT01DL

Manual Integrations APPROVED
mohammad
2/4/2020 6:15:06 PM

Quant Time: Feb 04 04:11:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 04 02:55:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	163356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	701458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	439974	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	924662	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	829548	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	899348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	899	0.23	ng/uL	0.02
5) Phenol-d5	6.65	99	17461	1.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	15044	1.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	15056	1.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11523	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	8373	1.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	7030	1.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	13379	1.23	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	60931	1.90	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	61979	1.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	5016m	0.83	ng/ul	0.02
57) Fluorene-d10	15.08	176	52545	1.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3732	0.65	ng/ul	0.01
70) Anthracene-d10	16.93	188	78424m	1.87	ng/ul	0.00
78) Pyrene-d10	19.23	212	84932	1.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	76592	1.73	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	3959897	104.100	ng/ul	100
34) 2-Methylnaphthalene	11.87	142	4149318	155.869	ng/ul	100
40) 1,1'-Biphenyl	12.90	154	381291	11.131	ng/ul	99
47) Acenaphthylene	13.79	152	1196688	28.178	ng/ul	98
49) Acenaphthene	14.14	153	165153	5.720	ng/ul	98
53) Dibenzofuran	14.48	168	179812	4.472	ng/ul	88
58) Fluorene	15.14	166	941426	28.019	ng/ul	97
69) Phenanthrene	16.88	178	4495663	85.254	ng/ul	100
71) Anthracene	16.96	178	668570	12.495	ng/ul	99
76) Fluoranthene	18.90	202	1007515	16.740	ng/ul	100
79) Pyrene	19.27	202	1594661	26.333	ng/ul	99
82) Benzo(a)anthracene	21.03	228	531173	9.274	ng/ul	94
84) Chrysene	21.08	228	470090	8.244	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	262328m	4.662	ng/ul	
88) Benzo(k)fluoranthene	22.57	252	79123m	1.428	ng/ul	
90) Benzo(a)pyrene	23.06	252	262769	5.040	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	94063	1.518	ng/ul	97
93) Benzo(g,h,i)perylene	25.84	276	73258	1.410	ng/ul#	91

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

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