Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT71

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:27 AM

Quant Time: Feb 07 13:50:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	201377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	819168	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.07	164	491433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	960634	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	838953	20.00	ng/ul	0.01
85) Perylene-d12	23.16	264	964388	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	905	0.18	ng/uL	0.02
5) Phenol-d5	6.64	99	26429	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	18771	1.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	19789	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	19937	1.43	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	13885	2.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	10635	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	18810	1.48	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	32201	2.35	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	67051	1.87	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	75162	1.73	ng/ul	0.01
51) 4-Nitrophenol-d4	14.33	143	3780	0.56	ng/ul	0.02
57) Fluorene-d10	15.08	176	58759	1.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	4370	0.73	ng/ul	0.03
70) Anthracene-d10	16.94	188	83224	1.91	ng/ul	0.01
78) Pyrene-d10	19.24	212	87083	1.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	87597	1.84	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.25	128	36482182m	821.250	ng/ul	
34) 2-Methylnaphthalene	11.89	142	17290909	556.199	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	200370	5.237	ng/ul	99
47) Acenaphthylene	13.80	152	13617564	287.068	ng/ul	97
49) Acenaphthene	14.14	153	1001972	31.071	ng/ul	98
53) Dibenzofuran	14.47	168	1069359	23.813	ng/ul	96
58) Fluorene	15.15	166	7395285	197.052	ng/ul	99
69) Phenanthrene	16.89	178	22168172m	404.647	ng/ul	
71) Anthracene	16.97	178	6235739	112.180	ng/ul	98
74) Carbazole	17.24	167	243442	5.030	ng/ul#	93
76) Fluoranthene	18.92	202	11307149	180.839	ng/ul	97
79) Pyrene	19.28	202	15527029	253.529	ng/ul#	89
82) Benzo(a)anthracene	21.04	228	5727069m	98.870	ng/ul	
84) Chrysene	21.09	228	4919342	85.307	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	3483404	57.732	ng/ul#	94
88) Benzo(k)fluoranthene	22.58	252	1246880m	20.984	ng/ul	
90) Benzo(a)pyrene	23.09	252	4242575	75.892	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	1622665	24.414	ng/ul	91
92) Dibenzo(a,h)anthracene	25.23	278	491384m	8.783	ng/ul	
93) Benzo(g,h,i)perylene	25.87	276	1696175	30.450	ng/ul	93

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

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