Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009684.D
Acq On : 10 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-15ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70ME

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:18 AM

Quant Time: Feb 11 10:13:37 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	128327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	521161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	329947	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	678709	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	639097	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	663002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9045	2.89	ng/uL	0.00
5) Phenol-d5	6.63	99	195195	17.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	146763	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	152679	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	158190	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	81448	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	87014	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	154086	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	191921	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	522382	21.69	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	607778	20.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	75549	16.61	ng/ul	0.00
57) Fluorene-d10	15.07	176	464270	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	48971	11.55	ng/ul	0.01
70) Anthracene-d10	16.93	188	707067	22.93	ng/ul	0.00
78) Pyrene-d10	19.23	212	760300	22.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	762671	23.36	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	22585010m	799.127	ng/ul	
34) 2-Methylnaphthalene	11.86	142	8434497	426.454	ng/ul	98
40) 1,1'-Biphenyl	12.89	154	1455464	56.656	ng/ul	98
47) Acenaphthylene	13.79	152	5828555	183.006	ng/ul	99
49) Acenaphthene	14.13	153	444915	20.549	ng/ul	99
53) Dibenzofuran	14.47	168	486837	16.147	ng/ul	97
58) Fluorene	15.13	166	3493622	138.651	ng/ul	99
69) Phenanthrene	16.88	178	14758243	381.290	ng/ul	92
71) Anthracene	16.96	178	3592262	91.468	ng/ul	99
74) Carbazole	17.23	167	135863	3.973	ng/ul#	92
76) Fluoranthene	18.90	202	6613786	149.714	ng/ul	99
79) Pyrene	19.27	202	9197455	197.141	ng/ul	97
82) Benzo(a)anthracene	21.03	228	3290894m	74.579	ng/ul	
84) Chrysene	21.08	228	2732900	62.212	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	2054900	49.538	ng/ul#	96
88) Benzo(k)fluoranthene	22.57	252	726720m	17.789	ng/ul	
90) Benzo(a)pyrene	23.07	252	2371396	61.703	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	936835	20.503	ng/ul	94
92) Dibenzo(a,h)anthracene	25.22	278	278938	7.252	ng/ul#	82
93) Benzo(g,h,i)perylene	25.84	276	823292	21.499	ng/ul	97

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

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