Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009687.D
Acq On : 10 Feb 2020 16:12
Operator : CG/JU
Sample : L1324-09ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:23 AM

Quant Time: Feb 11 10:31:47 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	127357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	540641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	336230	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	694362	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	665694	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	674107	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6344	2.04	ng/uL	0.00
5) Phenol-d5	6.63	99	121173	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	101111	13.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	103459	12.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	98681	11.16	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	54239	13.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	53754	11.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	98036	11.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	80659	8.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	323895	13.20	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	406482	13.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	34440	7.43	ng/ul	0.00
57) Fluorene-d10	15.07	176	325055	15.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	32249	7.44	ng/ul	0.00
70) Anthracene-d10	16.92	188	484904	15.37	ng/ul	0.00
78) Pyrene-d10	19.23	212	493439	14.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	478937	14.43	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	4576993	156.113	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	3252297	158.514	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	359802	13.744	ng/ul	98
47) Acenaphthylene	13.79	152	1971098	60.733	ng/ul	99
49) Acenaphthene	14.13	153	149817	6.790	ng/ul	99
53) Dibenzofuran	14.47	168	163854	5.333	ng/ul	93
58) Fluorene	15.13	166	1036652	40.373	ng/ul	97
69) Phenanthrene	16.87	178	4384371	110.720	ng/ul	98
71) Anthracene	16.96	178	1115960	27.775	ng/ul	99
76) Fluoranthene	18.90	202	1913429	42.337	ng/ul	98
79) Pyrene	19.26	202	3229082	66.448	ng/ul	100
82) Benzo(a)anthracene	21.02	228	1040084	22.629	ng/ul#	90
84) Chrysene	21.07	228	872772	19.074	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	1069507	25.358	ng/ul	95
88) Benzo(k)fluoranthene	22.57	252	249624m	6.010	ng/ul	
90) Benzo(a)pyrene	23.06	252	952896	24.386	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	453530	9.762	ng/ul	95
92) Dibenzo(a,h)anthracene	25.21	278	151109	3.864	ng/ul#	83
93) Benzo(g,h,i)perylene	25.83	276	370751	9.522	ng/ul	93

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

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