Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009607.D
Acq On : 06 Feb 2020 13:20
Operator : CG/JU
Sample : L1323-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT49

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:02 AM

Quant Time: Feb 06 21:47:04 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	126533	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	531091	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	320648	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	650513	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	618939	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	656933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3131	1.02	ng/uL	0.00
5) Phenol-d5	6.63	99	59253	5.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	44207	5.96	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	48715	6.00	ng/ul	-0.02
13) 4-Methylphenol-d8	8.15	113	38346	4.36	ng/ul	-0.01
19) Nitrobenzene-d5	8.57	128	24232	6.13	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	23457	5.32	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.82	165	43069	5.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	53173m	5.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	155009	6.62	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	178287	6.30	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	7960	1.80	ng/ul	0.00
57) Fluorene-d10	15.07	176	138490	6.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	12887	3.17	ng/ul	0.00
70) Anthracene-d10	16.92	188	202794	6.86	ng/ul	-0.01
78) Pyrene-d10	19.23	212	228395	7.02	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.02	264	232636	7.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.66	94	14076	1.194	ng/ul#	86
14) Acetophenone	8.25	105	18671	1.328	ng/ul	96
28) Naphthalene	10.23	128	8758839	304.120	ng/ul	100
34) 2-Methylnaphthalene	11.86	142	3815922	189.328	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	281483	11.275	ng/ul	99
44) Dimethylphthalate	13.54	163	46961	1.890	ng/ul	99
47) Acenaphthylene	13.79	152	1084920	35.052	ng/ul	98
49) Acenaphthene	14.13	153	87123	4.141	ng/ul	95
53) Dibenzofuran	14.47	168	106647	3.640	ng/ul	96
58) Fluorene	15.13	166	562927	22.989	ng/ul	99
69) Phenanthrene	16.87	178	2746574	74.036	ng/ul	99
71) Anthracene	16.96	178	540299	14.354	ng/ul	98
76) Fluoranthene	18.90	202	668690	15.793	ng/ul	99
79) Pyrene	19.26	202	1017095	22.511	ng/ul	98
82) Benzo(a)anthracene	21.03	228	364821m	8.537	ng/ul	
84) Chrysene	21.08	228	296341	6.966	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	197839	4.813	ng/ul	97
88) Benzo(k)fluoranthene	22.57	252	52184m	1.289	ng/ul	
90) Benzo(a)pyrene	23.07	252	230556	6.054	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	82362	1.819	ng/ul#	92
93) Benzo(g,h,i)perylene	25.84	276	81684	2.153	ng/ul	95

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

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