Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009682.D
Acq On : 10 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

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

Quant Time: Feb 11 03:08:57 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	63439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	269600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	167681	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	351600	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	348655	20.00	ng/ul	-0.01
85) Perylene-d12	23.14	264	357172	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	6704	1.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	5122	1.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	5230	1.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	4465	1.01	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	2369	1.18	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	2352	1.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.85	165	4430	1.06	ng/ul	0.03
29) 4-Chloroaniline-d4	10.36	131	3231m	0.72	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	20882	1.71	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	23245	1.57	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	19499	1.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.92	188	30676	1.92	ng/ul	0.00
78) Pyrene-d10	19.23	212	31337	1.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	32970	1.87	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1269131	86.807	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	344986	33.718	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	71710	5.493	ng/ul	99
47) Acenaphthylene	13.78	152	230351	14.232	ng/ul	100
49) Acenaphthene	14.13	153	21476	1.952	ng/ul	96
53) Dibenzofuran	14.47	168	26021	1.698	ng/ul	99
58) Fluorene	15.13	166	139182	10.869	ng/ul	99
69) Phenanthrene	16.86	178	1102322	54.975	ng/ul	99
71) Anthracene	16.96	178	253823	12.476	ng/ul	98
76) Fluoranthene	18.89	202	474796	20.747	ng/ul	98
79) Pyrene	19.26	202	678869	26.673	ng/ul	97
82) Benzo(a)anthracene	21.07	228	196772	8.174	ng/ul	95
84) Chrysene	21.07	228	196772	8.211	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	145666	6.518	ng/ul#	92
88) Benzo(k)fluoranthene	22.56	252	52723m	2.396	ng/ul	
90) Benzo(a)pyrene	23.06	252	175926	8.497	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.21	276	65741	2.671	ng/ul	93
93) Benzo(g,h,i)perylene	25.83	276	67405	3.267	ng/ul	96

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

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