Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010011.D
Acq On : 29 Feb 2020 06:55
Operator : CG/JU
Sample : L1507-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R8

Manual Integrations APPROVED
mohammad
3/3/2020 4:59:51 PM

Quant Time: Mar 02 09:13:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	120011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	517636	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	320668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	624464	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	560575	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	575546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	1750	0.17	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.76	67	1515	0.22	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	1939m	0.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.13	113	1540	0.19	ng/ul	0.04
19) Nitrobenzene-d5	8.55	128	671	0.18	ng/ul	0.02
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.80	165	1971	0.25	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.45	166	8742	0.36	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	9932	0.35	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.03	176	8801	0.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.88	188	15420	0.54	ng/ul	0.00
79) Pyrene-d10	19.20	212	14338	0.49	ng/ul	0.01
90) Benzo(a)pyrene-d12	22.97	264	11549	0.40	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.73	152	336081	11.007	ng/ul	98
50) Acenaphthene	14.09	153	4679751	223.580	ng/ul	98
54) Dibenzofuran	14.42	168	2318743	78.926	ng/ul	96
59) Fluorene	15.09	166	4090761	165.918	ng/ul	96
70) Phenanthrene	16.85	178	14880192	417.534	ng/ul	96
72) Anthracene	16.92	178	1921007	52.728	ng/ul	99
75) Carbazole	17.19	167	80803	2.519	ng/ul#	85
77) Fluoranthene	18.87	202	21295989m	510.142	ng/ul	
80) Pyrene	19.25	202	16280346	402.830	ng/ul#	92
83) Benzo(a)anthracene	20.99	228	2712939	70.424	ng/ul	99
85) Chrysene	21.05	228	2213596	58.367	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	925988	24.815	ng/ul	94
89) Benzo(k)fluoranthene	22.53	252	277009m	7.840	ng/ul	
91) Benzo(a)pyrene	23.01	252	313047	9.327	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	115109	2.889	ng/ul	93
93) Dibenzo(a,h)anthracene	25.13	278	38998	1.144	ng/ul#	84
94) Benzo(g,h,i)perylene	25.76	276	76399	2.287	ng/ul	95

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

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