Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010008.D
Acq On : 29 Feb 2020 05:07
Operator : CG/JU
Sample : L1507-20RX
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R5RX

Manual Integrations APPROVED
mohammad
3/3/2020 4:59:38 PM

Quant Time: Mar 02 13:51:34 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	115523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	457092	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	302075m	20.00	ng/ul	0.19
62) Phenanthrene-d10	17.12	188	564640m	20.00	ng/ul	0.34
78) Chrysene-d12	21.17	240	567196m	20.00	ng/ul	0.18
86) Perylene-d12	23.19	264	642494m	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	6174	2.20	ng/uL	0.00
5) Phenol-d5	6.58	99	216636	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	144711	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	169444	22.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	174270	22.29	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	112768	33.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	96714	26.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	170837	24.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	141593	17.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	504281m	22.35	ng/ul	0.15
47) Acenaphthylene-d8	13.75	160	655627m	24.67	ng/ul	0.05
52) 4-Nitrophenol-d4	14.35	143	160752m	39.01	ng/ul	0.09
58) Fluorene-d10	15.15	176	611942m	31.41	ng/ul	0.13
63) 4,6-Dinitro-2-methylphenol	15.32	200	16377m	4.67	ng/ul	0.14
71) Anthracene-d10	17.22	188	201242m	7.78	ng/ul	0.34
79) Pyrene-d10	19.25	212	1032138m	34.82	ng/ul	0.06
90) Benzo(a)pyrene-d12	23.07	264	720257	22.45	ng/ul	0.11
Target Compounds						Qvalue
11) 2-Methylphenol	7.85	108	9124	1.184	ng/ul	83
14) Acetophenone	8.20	105	60928	4.784	ng/ul#	89
16) 4-Methylphenol	8.17	108	50114	5.927	ng/ul	98
24) 2,4-Dimethylphenol	9.37	107	32343m	3.639	ng/ul	
28) Naphthalene	10.17	128	681952	27.667	ng/ul#	93
34) 2-Methylnaphthalene	11.83	142	45154166m	2638.213	ng/ul	
41) 1,1'-Biphenyl	12.85	154	3739214	161.166	ng/ul	100
48) Acenaphthylene	13.79	152	15955312m	554.728	ng/ul	
50) Acenaphthene	14.13	153	146343713m	7422.079	ng/ul	
54) Dibenzofuran	14.52	168	82682424m	2987.609	ng/ul	
59) Fluorene	15.16	166	97712940m	4207.088	ng/ul	
70) Phenanthrene	16.89	178	100012023m	3103.642	ng/ul	
72) Anthracene	17.05	178	104445999m	3170.617	ng/ul	
75) Carbazole	17.35	167	38581096m	1329.942	ng/ul	
77) Fluoranthene	18.94	202	157454647m	4171.426	ng/ul	
80) Pyrene	19.38	202	114939674m	2810.791	ng/ul	
83) Benzo(a)anthracene	21.08	228	81669658m	2095.266	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.03	149	1688249	65.780	ng/ul	95
85) Chrysene	21.30	228	7894474m	205.727	ng/ul	
88) Benzo(b)fluoranthene	22.61	252	40629864m	975.347	ng/ul	
89) Benzo(k)fluoranthene	22.66	252	7007347m	177.654	ng/ul	
91) Benzo(a)pyrene	23.14	252	15590912	416.130	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.25	276	5378265m	120.907	ng/ul	

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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)
93) Dibenzo(a,h)anthracene	25.23	278	1788676m	47.004	ng/ul	
94) Benzo(g,h,i)perylene	25.87	276	3054158	81.884	ng/ul	97

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

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