Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010061.D
Acq On : 03 Mar 2020 14:39
Operator : CG/JU
Sample : L1507-17DL 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD15DL

Manual Integrations APPROVED
mohammad
3/4/2020 7:51:27 AM

Quant Time: Mar 03 15:27:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	61565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	224335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	146100	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	329756	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	314873	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	318921	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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
28) Naphthalene	10.16	128	510361	42.188	ng/ul	99
34) 2-Methylnaphthalene	11.78	142	395620	47.097	ng/ul	97
41) 1,1'-Biphenyl	12.83	154	114679	10.220	ng/ul	98
50) Acenaphthene	14.07	153	703698	73.791	ng/ul	99
54) Dibenzofuran	14.42	168	632167	47.229	ng/ul	98
59) Fluorene	15.07	166	552924	49.222	ng/ul	98
70) Phenanthrene	16.82	178	3114909	165.517	ng/ul	98
72) Anthracene	16.90	178	324100	16.847	ng/ul	99
75) Carbazole	17.18	167	131010	7.733	ng/ul	99
77) Fluoranthene	18.85	202	2439174	110.650	ng/ul	96
80) Pyrene	19.21	202	1696920	74.751	ng/ul#	93
83) Benzo(a)anthracene	20.97	228	441257	20.392	ng/ul	98
85) Chrysene	21.03	228	253673	11.908	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	238497	11.534	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	70997m	3.626	ng/ul	
91) Benzo(a)pyrene	23.00	252	136579	7.344	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	37041	1.678	ng/ul#	89
94) Benzo(g,h,i)perylene	25.75	276	24229	1.309	ng/ul	98

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

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