Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046272.D
Acq On : 14 Aug 2020 11:09
Operator : CG/JU
Sample : L3629-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM53

Manual Integrations APPROVED
Sohil
8/14/2020 2:52:46 PM

Quant Time: Aug 14 13:14:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108669	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	427144	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	270768	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	589972	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	573759	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	610241	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	141243	19.20	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	515200	20.68	ng/ul	0.00
10) Fluorene-d10	15.56	176	389844	20.42	ng/ul	0.00
15) Anthracene-d10	17.41	188	551491	20.17	ng/ul	0.00
19) Pyrene-d10	19.70	212	619782	20.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	664914	19.97	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.30	152	26393	1.042	ng/ul	98
14) Phenanthrene	17.36	178	269829	8.314	ng/ul	99
16) Anthracene	17.45	178	34615	1.057	ng/ul	98
17) Fluoranthene	19.37	202	575617	15.905	ng/ul	100
20) Pyrene	19.73	202	541659	14.382	ng/ul	99
21) Benzo(a)anthracene	21.55	228	287114	7.691	ng/ul	97
22) Chrysene	21.61	228	318894	8.837	ng/ul	97
24) Benzo(b)fluoranthene	23.70	252	457610	11.340	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	147312m	3.680	ng/ul	
27) Benzo(a)pyrene	24.53	252	288634	7.791	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	220424	4.752	ng/ul	100
29) Dibenzo(a,h)anthracene	28.23	278	58696	1.561	ng/ul#	91
30) Benzo(g,h,i)perylene	29.28	276	200090	5.154	ng/ul	99

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

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