

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
 Data File : BG046355.D  
 Acq On : 19 Aug 2020 20:47  
 Operator : CG/JU  
 Sample : L3633-10  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 BFMD8

Manual Integrations  
 APPROVED

mohammad  
 8/20/2020 12:23:10 PM

Quant Time: Aug 20 01:55:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 20 01:26:46 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	99965	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	402699	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	260282	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	560953	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	538545	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	575892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	114196	16.47	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	439739	18.36	ng/ul	0.00
10) Fluorene-d10	15.56	176	344841	18.79	ng/ul	0.00
15) Anthracene-d10	17.41	188	520471	20.02	ng/ul	0.00
19) Pyrene-d10	19.69	212	594246	21.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	645082	20.53	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	10.79	128	23377	1.116	ng/ul	99
8) Acenaphthylene	14.29	152	42245	1.735	ng/ul	96
9) Acenaphthene	14.63	153	31894	1.834	ng/ul	96
11) Fluorene	15.61	166	38875	1.912	ng/ul#	99
14) Phenanthrene	17.35	178	780353	25.287	ng/ul	99
16) Anthracene	17.44	178	157382	5.054	ng/ul	100
17) Fluoranthene	19.36	202	1287173	37.406	ng/ul	100
20) Pyrene	19.72	202	1162848	32.895	ng/ul	98
21) Benzo(a)anthracene	21.54	228	743835	21.228	ng/ul	96
22) Chrysene	21.60	228	753963	22.259	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	1045637	27.457	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	409041m	10.828	ng/ul	
27) Benzo(a)pyrene	24.52	252	756225	21.630	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	527358	12.046	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	155588	4.383	ng/ul	97
30) Benzo(g,h,i)perylene	29.28	276	429454	11.722	ng/ul	99

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

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