

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046322.D
 Acq On : 18 Aug 2020 11:07
 Operator : CG/JU
 Sample : L3636-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK1

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:16:38 PM

Quant Time: Aug 18 12:17:02 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	7.94	152	84420	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	349827	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	231645	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	496944	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	482893	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	529754	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	64862	10.77	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	251079	11.78	ng/ul	0.00
10) Fluorene-d10	15.56	176	197993	12.12	ng/ul	0.00
15) Anthracene-d10	17.41	188	276490	12.00	ng/ul	0.00
19) Pyrene-d10	19.69	212	288243	11.60	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	313331	10.84	ng/ul	0.00
Target Compounds						
					Qvalue	
4) Naphthalene	10.78	128	152176	8.363	ng/ul	98
5) 2-Methylnaphthalene	12.39	142	77949	5.619	ng/ul	100
8) Acenaphthylene	14.29	152	72819	3.360	ng/ul	97
9) Acenaphthene	14.63	153	158149	10.218	ng/ul	98
11) Fluorene	15.61	166	221789	12.256	ng/ul	98
14) Phenanthrene	17.36	178	2216600m	81.079	ng/ul	
16) Anthracene	17.44	178	673531	24.417	ng/ul	99
17) Fluoranthene	19.37	202	2440299m	80.052	ng/ul	
20) Pyrene	19.73	202	2075686	65.484	ng/ul#	95
21) Benzo(a)anthracene	21.54	228	1488031	47.362	ng/ul	93
22) Chrysene	21.61	228	1360960m	44.809	ng/ul	
24) Benzo(b)fluoranthene	23.70	252	1634093	46.646	ng/ul	95
25) Benzo(k)fluoranthene	23.75	252	575208m	16.552	ng/ul	
27) Benzo(a)pyrene	24.53	252	1104180	34.332	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.18	276	680370	16.895	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	225618	6.910	ng/ul#	93
30) Benzo(a,h,i)perylene	29.27	276	495105	14.691	ng/ul	100

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

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