

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046414.D
 Acq On : 21 Aug 2020 15:20
 Operator : CG/JU
 Sample : L3635-19
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ5

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:46:54 PM

Quant Time: Aug 21 16:01:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89347	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	362032	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	240435	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	524699	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	490715	20.00	ng/ul	0.01
23) Perylene-d12	24.70	264	538004	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	166163	26.66	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	618245	27.94	ng/ul	0.00
10) Fluorene-d10	15.56	176	471324	27.80	ng/ul	0.00
15) Anthracene-d10	17.41	188	681411	28.01	ng/ul	0.00
19) Pyrene-d10	19.70	212	737605	29.20	ng/ul	0.01
26) Benzo(a)pyrene-d12	24.49	264	807951	27.52	ng/ul	0.03
Target Compounds						
					Qvalue	
4) Naphthalene	10.78	128	24272	1.289	ng/ul	98
8) Acenaphthylene	14.29	152	75364	3.350	ng/ul	98
9) Acenaphthene	14.63	153	43855	2.730	ng/ul	96
11) Fluorene	15.61	166	31016	1.651	ng/ul#	97
14) Phenanthrene	17.36	178	834700	28.917	ng/ul	98
16) Anthracene	17.45	178	135127	4.640	ng/ul	98
17) Fluoranthene	19.37	202	1489915	46.290	ng/ul	98
20) Pyrene	19.73	202	1610519	49.999	ng/ul	97
21) Benzo(a)anthracene	21.55	228	1045285	32.739	ng/ul	92
22) Chrysene	21.61	228	1085052	35.156	ng/ul	95
24) Benzo(b)fluoranthene	23.72	252	2175317	61.143	ng/ul	94
25) Benzo(k)fluoranthene	23.78	252	835212m	23.666	ng/ul	
27) Benzo(a)pyrene	24.57	252	1941010	59.426	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.25	276	1398267	34.190	ng/ul	97
29) Dibenzo(a,h)anthracene	28.29	278	431827	13.023	ng/ul#	89
30) Benzo(g,h,i)perylene	29.36	276	1256977	36.725	ng/ul	98

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

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