

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046411.D
 Acq On : 21 Aug 2020 13:20
 Operator : CG/JU
 Sample : L3635-16
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ2

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:46:39 PM

Quant Time: Aug 21 14:01:16 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	93202	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	384134	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	246117	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	519502	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	500131	20.00	ng/ul	0.01
23) Perylene-d12	24.68	264	563318	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	125201	18.93	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	448267	19.79	ng/ul	0.00
10) Fluorene-d10	15.56	176	342495	19.73	ng/ul	0.00
15) Anthracene-d10	17.41	188	477155	19.81	ng/ul	0.00
19) Pyrene-d10	19.70	212	519922	20.20	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	574494	18.69	ng/ul	0.02
Target Compounds						
					Qvalue	
4) Naphthalene	10.79	128	43645	2.184	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	18113	1.189	ng/ul	93
8) Acenaphthylene	14.29	152	54854	2.382	ng/ul	100
9) Acenaphthene	14.63	153	37312	2.269	ng/ul	98
11) Fluorene	15.61	166	83578	4.347	ng/ul	95
14) Phenanthrene	17.35	178	1022922	35.792	ng/ul	97
16) Anthracene	17.45	178	289055	10.024	ng/ul	99
17) Fluoranthene	19.37	202	1461707	45.868	ng/ul	98
20) Pyrene	19.73	202	1271110	38.719	ng/ul	99
21) Benzo(a)anthracene	21.54	228	950662	29.215	ng/ul	95
22) Chrysene	21.61	228	819120	26.040	ng/ul	96
24) Benzo(b)fluoranthene	23.70	252	1004940	26.977	ng/ul	96
25) Benzo(k)fluoranthene	23.76	252	381895m	10.335	ng/ul	
27) Benzo(a)pyrene	24.53	252	711931	20.817	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.21	276	360923	8.429	ng/ul	100
29) Dibenzo(a,h)anthracene	28.25	278	115325	3.322	ng/ul#	88
30) Benzo(a,h,i)perylene	29.30	276	261616	7.300	ng/ul	97

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

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