

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046264.D
 Acq On : 14 Aug 2020 1:45
 Operator : CG/JU
 Sample : L3629-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM56

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:37 PM

Quant Time: Aug 14 12:56:17 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	118214	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	465648	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	290153	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	625766	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	607601	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	680980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	140325	17.50	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	513714	19.24	ng/ul	0.00
10) Fluorene-d10	15.57	176	374561	18.31	ng/ul	0.00
15) Anthracene-d10	17.42	188	536285	18.49	ng/ul	0.00
19) Pyrene-d10	19.70	212	589083	18.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	660409	17.77	ng/ul	0.02
Target Compounds						
					Qvalue	
4) Naphthalene	10.80	128	29322	1.211	ng/ul	97
8) Acenaphthylene	14.30	152	111372	4.102	ng/ul	99
9) Acenaphthene	14.64	153	23439	1.209	ng/ul	96
11) Fluorene	15.62	166	52955	2.336	ng/ul	99
14) Phenanthrene	17.36	178	1171878	34.041	ng/ul	97
16) Anthracene	17.45	178	214939	6.188	ng/ul	99
17) Fluoranthene	19.37	202	2021443m	52.660	ng/ul	
20) Pyrene	19.73	202	1736353	43.536	ng/ul	97
21) Benzo(a)anthracene	21.55	228	1262759	31.942	ng/ul	93
22) Chrysene	21.61	228	1252030	32.762	ng/ul	96
24) Benzo(b)fluoranthene	23.70	252	1658379	36.827	ng/ul	98
25) Benzo(k)fluoranthene	23.76	252	613167m	13.726	ng/ul	
27) Benzo(a)pyrene	24.53	252	1093149	26.441	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.20	276	848718	16.395	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	242502	5.778	ng/ul	97
30) Benzo(g,h,i)perylene	29.29	276	717248	16.556	ng/ul	99

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

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