

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046390.D
 Acq On : 20 Aug 2020 22:38
 Operator : CG/JU
 Sample : L3634-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMFO

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:47:54 PM

Quant Time: Aug 21 01:41:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 00:37:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	83785	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	348091	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	234503	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	513124	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	500873	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	552652	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	179652	29.97	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	651853	30.20	ng/ul	0.00
10) Fluorene-d10	15.56	176	495725	29.98	ng/ul	0.00
15) Anthracene-d10	17.41	188	708851	29.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	794847	30.83	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	919246	30.48	ng/ul	0.03
Target Compounds						
					Qvalue	
4) Naphthalene	10.79	128	144085	7.958	ng/ul	99
5) 2-Methylnaphthalene	12.40	142	79091	5.730	ng/ul	94
8) Acenaphthylene	14.29	152	67917	3.095	ng/ul	96
9) Acenaphthene	14.63	153	234221	14.949	ng/ul	98
11) Fluorene	15.62	166	278284	15.190	ng/ul	96
14) Phenanthrene	17.36	178	2861849m	101.380	ng/ul	
16) Anthracene	17.45	178	763392	26.802	ng/ul	97
17) Fluoranthene	19.38	202	3089269	98.145	ng/ul#	89
20) Pyrene	19.73	202	2811405m	85.511	ng/ul	
21) Benzo(a)anthracene	21.55	228	2027582	62.218	ng/ul#	90
22) Chrysene	21.61	228	1877125	59.585	ng/ul#	91
24) Benzo(b)fluoranthene	23.71	252	2500715	68.427	ng/ul	94
25) Benzo(k)fluoranthene	23.76	252	957457m	26.411	ng/ul	
27) Benzo(a)pyrene	24.55	252	1820422	54.257	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.22	276	1098376	26.145	ng/ul	99
29) Dibenzo(a,h)anthracene	28.26	278	336809m	9.888	ng/ul	
30) Benzo(g,h,i)perylene	29.31	276	625790	17.799	ng/ul	99

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

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