

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046325.D
 Acq On : 18 Aug 2020 13:07
 Operator : CG/JU
 Sample : L3636-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:16:43 PM

Quant Time: Aug 18 14:31:28 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	91930	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	366065	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	243608	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	545990	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	535738	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	579790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	40929	6.49	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	154749	6.90	ng/ul	0.00
10) Fluorene-d10	15.56	176	130072	7.57	ng/ul	0.00
15) Anthracene-d10	17.41	188	186812	7.38	ng/ul	0.00
19) Pyrene-d10	19.69	212	196391	7.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	200818	6.35	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.78	128	31826	1.671	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	15545	1.071	ng/ul	100
8) Acenaphthylene	14.29	152	32847	1.441	ng/ul	96
9) Acenaphthene	14.63	153	31051	1.908	ng/ul	99
11) Fluorene	15.61	166	45885	2.411	ng/ul	99
14) Phenanthrene	17.35	178	670614	22.326	ng/ul	100
16) Anthracene	17.44	178	138069	4.556	ng/ul	99
17) Fluoranthene	19.36	202	896151	26.757	ng/ul	99
20) Pyrene	19.72	202	727712	20.694	ng/ul	99
21) Benzo(a)anthracene	21.54	228	433391	12.433	ng/ul	97
22) Chrysene	21.60	228	412835	12.252	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	541225	14.116	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	167897m	4.415	ng/ul	
27) Benzo(a)pyrene	24.52	252	318876	9.059	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	222503	5.048	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	68475	1.916	ng/ul#	90
30) Benzo(g,h,i)perylene	29.26	276	151321	4.102	ng/ul	97

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

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