

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046310.D
 Acq On : 18 Aug 2020 00:37
 Operator : CG/JU
 Sample : L3632-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM82

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:16:11 PM

Quant Time: Aug 18 02:24:07 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	69178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	292239	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	205500	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	481299	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	463685	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	504352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	248093	49.30	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	939131	49.66	ng/ul	0.00
10) Fluorene-d10	15.56	176	697358	48.12	ng/ul	0.00
15) Anthracene-d10	17.41	188	1031159	46.22	ng/ul	0.00
19) Pyrene-d10	19.70	212	1154848	48.39	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	1327370	48.23	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.78	128	35381	2.328	ng/ul#	95
5) 2-Methylnaphthalene	12.39	142	15909	1.373	ng/ul	98
8) Acenaphthylene	14.29	152	45069	2.344	ng/ul	99
9) Acenaphthene	14.63	153	35167	2.561	ng/ul	96
11) Fluorene	15.61	166	45798	2.853	ng/ul	98
14) Phenanthrene	17.35	178	1032624	38.999	ng/ul	97
16) Anthracene	17.44	178	194984	7.298	ng/ul	99
17) Fluoranthene	19.36	202	1632849	55.305	ng/ul	97
20) Pyrene	19.73	202	1496709	49.175	ng/ul	98
21) Benzo(a)anthracene	21.54	228	1056119	35.007	ng/ul	96
22) Chrysene	21.60	228	1062635	36.436	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	1627394	48.795	ng/ul	95
25) Benzo(k)fluoranthene	23.75	252	542835m	16.408	ng/ul	
27) Benzo(a)pyrene	24.53	252	1205897	39.383	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	920612	24.012	ng/ul	98
29) Dibenzo(a,h)anthracene	28.23	278	279305	8.985	ng/ul#	89
30) Benzo(g,h,i)perylene	29.29	276	733263	22.853	ng/ul	98

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

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