

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046298.D
 Acq On : 17 Aug 2020 15:11
 Operator : CG/JU
 Sample : L3632-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM85

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:15:46 PM

Quant Time: Aug 17 16:28:11 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	57432	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.74	136	235605	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	173537	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	458295	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	494886	20.00	ng/ul	-0.01
23) Perylene-d12	24.65	264	519045	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	32766	8.08	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	145872	9.13	ng/ul	0.00
10) Fluorene-d10	15.56	176	121125	9.90	ng/ul	0.00
15) Anthracene-d10	17.40	188	198728	9.35	ng/ul	-0.01
19) Pyrene-d10	19.69	212	242275	9.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	245390	8.66	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	172058	6.824	ng/ul	98
17) Fluoranthene	19.36	202	338659	12.046	ng/ul	96
20) Pyrene	19.72	202	280940	8.648	ng/ul	97
21) Benzo(a)anthracene	21.53	228	132034	4.101	ng/ul	95
22) Chrysene	21.60	228	165700	5.323	ng/ul	97
24) Benzo(b)fluoranthene	23.67	252	224305	6.535	ng/ul#	97
25) Benzo(k)fluoranthene	23.73	252	68697m	2.018	ng/ul	
27) Benzo(a)pyrene	24.50	252	124823	3.961	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.14	276	100091	2.537	ng/ul	97
30) Benzo(g,h,i)perylene	29.24	276	73983	2.240	ng/ul	97

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

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