

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\  
 Data File : BG046309.D  
 Acq On : 17 Aug 2020 23:56  
 Operator : CG/JU  
 Sample : L3632-16  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFM94

Quant Time: Aug 18 01:26:44 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	80670	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	332978	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	229827	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	546050	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	533883	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	580585	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.36	165	159560	27.83	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	622002	29.41	ng/ul	0.00
10) Fluorene-d10	15.56	176	489421	30.20	ng/ul	0.00
15) Anthracene-d10	17.41	188	758497	29.96	ng/ul	0.00
19) Pyrene-d10	19.69	212	864163	31.45	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	993665	31.36	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.78	128	41936	2.421	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	23268	1.762	ng/ul	96
8) Acenaphthylene	14.29	152	40885	1.901	ng/ul	97
9) Acenaphthene	14.63	153	29762	1.938	ng/ul	92
11) Fluorene	15.61	166	41379	2.305	ng/ul	98
14) Phenanthrene	17.35	178	855414	28.476	ng/ul	100
16) Anthracene	17.44	178	128834	4.251	ng/ul	99
17) Fluoranthene	19.36	202	1216583	36.320	ng/ul	100
20) Pyrene	19.72	202	1136554	32.432	ng/ul	98
21) Benzo(a)anthracene	21.54	228	643108	18.514	ng/ul	96
22) Chrysene	21.60	228	693506	20.653	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	836576	21.790	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	317475	8.336	ng/ul	100
27) Benzo(a)pyrene	24.52	252	611948	17.361	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	478359	10.839	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	163030	4.556	ng/ul	95
30) Benzo(a,h,i)perylene	29.26	276	408211	11.052	ng/ul	98

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

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