

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082420\  
 Data File : BG046443.D  
 Acq On : 24 Aug 2020 12:22  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02052

Quant Time: Aug 24 13:03:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 24 11:34:55 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	88053	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	357405	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236689	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	522799	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	538244	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	526240	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	123902	20.13	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	427140	19.61	ng/ul	0.00
10) Fluorene-d10	15.56	176	318085	19.06	ng/ul	0.00
15) Anthracene-d10	17.41	188	468605	19.34	ng/ul	0.00
19) Pyrene-d10	19.70	212	540700	19.52	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	584928	20.37	ng/ul	0.00

## Target Compounds

						Qvalue
4) Naphthalene	10.78	128	366524	19.715	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	282769	19.953	ng/ul	99
8) Acenaphthylene	14.29	152	438169	19.786	ng/ul	99
9) Acenaphthene	14.63	153	307373	19.436	ng/ul	99
11) Fluorene	15.61	166	354064	19.148	ng/ul	99
13) Pentachlorophenol	16.97	266	65479	15.143	ng/ul	98
14) Phenanthrene	17.35	178	561100	19.509	ng/ul	100
16) Anthracene	17.45	178	569027	19.608	ng/ul	99
17) Fluoranthene	19.36	202	688355	21.464	ng/ul	100
20) Pyrene	19.73	202	688725	19.494	ng/ul	97
21) Benzo(a)anthracene	21.54	228	690646	19.722	ng/ul	100
22) Chrysene	21.61	228	674461	19.923	ng/ul	100
24) Benzo(b)fluoranthene	23.69	252	705681	20.279	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	697976	20.219	ng/ul	99
27) Benzo(a)pyrene	24.52	252	611697	19.147	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	590185	14.753	ng/ul	98
29) Dibenzo(a,h)anthracene	28.25	278	498243	15.362	ng/ul	100
30) Benzo(g,h,i)perylene	29.28	276	423794	12.659	ng/ul	98

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

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