

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046246.D
 Acq On : 13 Aug 2020 12:34
 Operator : CG/JU
 Sample : SSTD16025
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16025

Quant Time: Aug 13 13:39:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113156	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	454302	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	297620	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.33	188	652355	20.00	ng/ul	0.01
18) Chrysene-d12	21.58	240	638195	20.00	ng/ul	0.02
23) Perylene-d12	24.68	264	691840	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.38	165	1155258	155.68	ng/ul	0.02
7) Acenaphthylene-d8	14.28	160	3196494	116.04	ng/ul	0.02
10) Fluorene-d10	15.57	176	2484969	117.63	ng/ul	0.01
15) Anthracene-d10	17.33	188	652355	21.68	ng/ul	-0.09
19) Pyrene-d10	19.71	212	3643040	107.93	ng/ul	0.02
26) Benzo(a)pyrene-d12	24.49	264	4870248	127.01	ng/ul	0.03
Target Compounds				Qvalue		
4) Naphthalene	10.80	128	2889609	118.850	ng/ul#	89
5) 2-Methylnaphthalene	12.41	142	2211223	120.971	ng/ul	97
8) Acenaphthylene	14.31	152	3017243	107.048	ng/ul#	80
9) Acenaphthene	14.65	153	2409298	118.720	ng/ul#	90
11) Fluorene	15.64	166	2507149	106.830	ng/ul#	94
13) Pentachlorophenol	16.98	266	857061	175.718	ng/ul	96
14) Phenanthrene	17.37	178	3701966	101.680	ng/ul#	75
16) Anthracene	17.47	178	3525065	97.173	ng/ul#	70
17) Fluoranthene	19.38	202	4098785	102.634	ng/ul#	80
20) Pyrene	19.75	202	3801938	88.103	ng/ul#	78
21) Benzo(a)anthracene	21.56	228	4407582	104.869	ng/ul#	69
22) Chrysene	21.63	228	4109622	100.585	ng/ul#	67
24) Benzo(b)fluoranthene	23.72	252	5554572	118.840	ng/ul#	83
25) Benzo(k)fluoranthene	23.79	252	4892101	106.601	ng/ul#	82
27) Benzo(a)pyrene	24.57	252	4978855	116.159	ng/ul#	84
28) Indeno(1,2,3-cd)pyrene	28.25	276	7455848	139.291	ng/ul	95
29) Dibenzo(a,h)anthracene	28.32	278	5690936	129.958	ng/ul#	90
30) Benzo(g,h,i)perylene	29.36	276	6152650	135.990	ng/ul	93

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

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