

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046245.D
 Acq On : 13 Aug 2020 11:54
 Operator : CG/JU
 Sample : SSTD08030
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08030

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:52:24 PM

Quant Time: Aug 13 13:44:24 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	90388	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	358672	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	237774	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	534178	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	528132	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	558995	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	533469	91.06	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	1678825	76.29	ng/ul	0.00
10) Fluorene-d10	15.57	176	1281448	75.93	ng/ul	0.00
15) Anthracene-d10	17.42	188	1831217m	74.34	ng/ul	0.00
19) Pyrene-d10	19.70	212	2070051	74.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	2493776	80.49	ng/ul	0.02
Target Compounds				Qvalue		
4) Naphthalene	10.80	128	1461470	76.137	ng/ul	96
5) 2-Methylnaphthalene	12.40	142	1106425	76.669	ng/ul	100
8) Acenaphthylene	14.30	152	1649489	73.251	ng/ul#	93
9) Acenaphthene	14.64	153	1222368	75.393	ng/ul	94
11) Fluorene	15.63	166	1347007	71.842	ng/ul	97
13) Pentachlorophenol	16.97	266	399210	99.955	ng/ul	98
14) Phenanthrene	17.36	178	2141662	71.838	ng/ul#	91
16) Anthracene	17.46	178	2110780	71.059	ng/ul#	89
17) Fluoranthene	19.37	202	2534222	77.496	ng/ul#	94
20) Pyrene	19.74	202	2430896	68.071	ng/ul#	94
21) Benzo(a)anthracene	21.55	228	2525031	72.598	ng/ul#	89
22) Chrysene	21.62	228	2445592	72.331	ng/ul#	88
24) Benzo(b)fluoranthene	23.70	252	2945532	77.996	ng/ul#	92
25) Benzo(k)fluoranthene	23.77	252	2744440m	74.015	ng/ul	
27) Benzo(a)pyrene	24.54	252	2676510	77.284	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.20	276	3586106	82.917	ng/ul	99
29) Dibenzo(a,h)anthracene	28.27	278	2868499	81.072	ng/ul	96
30) Benzo(g,h,i)perylene	29.31	276	2982934	81.600	ng/ul	97

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

