

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027004.D
 Acq On : 18 May 2017 14:37
 Operator : SJ/MA
 Sample : SSTD04096
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04096

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:03:18 AM

Quant Time: May 18 16:02:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 14:48:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171784	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	819061	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	448057	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	832985	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	747106	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	746562	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	1754698	47.29	ng/ul	0.00
10) Fluorene-d10	15.60	176	1174474	41.22	ng/ul	0.00
14) Anthracene-d10	17.45	188	1545758m	41.05	ng/ul	0.00
18) Pyrene-d10	19.73	212	1496567	41.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	1449720	43.88	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.86	128	1627034	40.28	ng/ul	97
4) 2-Methylnaphthalene	12.45	142	1199976	37.70	ng/ul	99
5) 1-Methylnaphthalene	12.67	142	1291888	41.63	ng/ul#	94
8) Acenaphthylene	14.34	152	1744763	45.90	ng/ul	96
9) Acenaphthene	14.68	153	1212451	44.64	ng/ul	97
11) Fluorene	15.66	166	1276938	40.07	ng/ul	95
13) Phenanthrene	17.39	178	1779853	40.06	ng/ul	95
15) Anthracene	17.49	178	1819276	40.31	ng/ul	94
16) Fluoranthene	19.40	202	1822106	37.31	ng/ul#	87
19) Pyrene	19.76	202	1841827	40.74	ng/ul#	85
20) Benzo(a)anthracene	21.58	228	1704888	40.56	ng/ul	95
21) Chrysene	21.65	228	1570774	39.12	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	1766670	40.96	ng/ul#	94
24) Benzo(k)fluoranthene	23.82	252	1719859	41.27	ng/ul#	95
26) Benzo(a)pyrene	24.62	252	1695902	40.63	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.37	276	1621303	33.16	ng/ul#	82
28) Dibenzo(a,h)anthracene	28.42	278	1342224	33.15	ng/ul#	93
29) Benzo(g,h,i)perylene	29.50	276	1324533m	32.83	ng/ul	

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

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