

Data Path : Z:\HPCHEM1\BNA_G\Data\BG111617\
 Data File : BG031041.D
 Acq On : 16 Nov 2017 13:06
 Operator : SJ/JU
 Sample : SSTD02056
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

Quant Time: Nov 16 13:43:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 13:44:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	22494	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	98765	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	77077	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	229320	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	347328	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	350405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	37294	27.11	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	163463	21.28	ng/ul	0.00
10) Fluorene-d10	15.74	176	131817	25.08	ng/ul	0.00
15) Anthracene-d10	17.59	188	233887	21.13	ng/ul	0.00
19) Pyrene-d10	19.87	212	320866	16.81	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	344915	23.83	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	11.00	128	92842	19.201	ng/ul	98
5) 2-Methylnaphthalene	12.60	142	78135	21.352	ng/ul	98
8) Acenaphthylene	14.48	152	142526	18.954	ng/ul	97
9) Acenaphthene	14.82	153	101616	19.846	ng/ul	96
11) Fluorene	15.80	166	130121	22.190	ng/ul	98
13) Pentachlorophenol	17.16	266	23208	23.673	ng/uL	96
14) Phenanthrene	17.54	178	247286	19.625	ng/ul	96
16) Anthracene	17.63	178	253056	19.278	ng/ul	98
17) Fluoranthene	19.54	202	366834	29.575	ng/ul#	83
20) Pyrene	19.90	202	377898	15.921	ng/ul#	79
21) Benzo(a)anthracene	21.75	228	430334	21.224	ng/ul	99
22) Chrysene	21.82	228	403224	21.956	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	422177	22.613	ng/ul#	93
25) Benzo(k)fluoranthene	24.09	252	414931	22.963	ng/ul#	94
27) Benzo(a)pyrene	24.91	252	411321	23.295	ng/ul#	91
28) Indeno(1,2,3-cd)pyrene	28.84	276	463855	19.941	ng/ul#	88
29) Dibenzo(a,h)anthracene	28.90	278	387788	19.921	ng/ul#	86
30) Benzo(g,h,i)perylene	30.03	276	386634	20.851	ng/ul#	84

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

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