

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
 Data File : BG026061.D
 Acq On : 3 Mar 2017 13:04
 Operator : SJ/MA
 Sample : SSTD08033
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 15 13:59:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 13:58:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	134134	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	586400	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	369182	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	736942	20.00	ng/ul	0.00
18) Chrysene-d12	21.66	240	743681	20.00	ng/ul	0.00
23) Perylene-d12	24.85	264	731788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	708025	81.76	ng/uL	0.01
7) Acenaphthylene-d8	14.37	160	2380158	78.32	ng/ul	0.00
10) Fluorene-d10	15.66	176	1729850	77.74	ng/ul	0.00
15) Anthracene-d10	17.51	188	2474506	78.14	ng/ul	0.00
19) Pyrene-d10	19.78	212	2615086	72.09	ng/ul	0.01
26) Benzo(a)pyrene-d12	24.64	264	2565334	82.15	ng/ul	0.02
Target Compounds				Qvalue		
4) Naphthalene	10.92	128	2186249	78.54	ng/ul	97
5) 2-Methylnaphthalene	12.52	142	1634803	78.80	ng/ul	98
8) Acenaphthylene	14.40	152	2362065	76.80	ng/ul	96
9) Acenaphthene	14.74	153	1719627	78.09	ng/ul	97
11) Fluorene	15.72	166	1870434	75.99	ng/ul	98
13) Pentachlorophenol	17.06	266	416754	92.63	ng/uL	98
14) Phenanthrene	17.45	178	2840893	75.99	ng/ul#	92
16) Anthracene	17.54	178	2856636	76.07	ng/ul	93
17) Fluoranthene	19.45	202	3134845	75.78	ng/ul#	93
20) Pyrene	19.81	202	3048705	68.54	ng/ul#	93
21) Benzo(a)anthracene	21.64	228	3115677	78.04	ng/ul	92
22) Chrysene	21.70	228	2969399	79.69	ng/ul	92
24) Benzo(b)fluoranthene	23.84	252	3349253	82.14	ng/ul	97
25) Benzo(k)fluoranthene	23.91	252	3037186	78.85	ng/ul	96
27) Benzo(a)pyrene	24.71	252	3103196	82.14	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.51	276	3475665	83.35	ng/ul	97
29) Dibenzo(a,h)anthracene	28.57	278	2725665	81.16	ng/ul	98
30) Benzo(g,h,i)perylene	29.66	276	3006358	97.53	ng/ul	100

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

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