

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030317\
 Data File : BG026062.D
 Acq On : 3 Mar 2017 13:44
 Operator : SJ/MA
 Sample : SSTD16034
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 15 13:59:31 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	145932	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	653639	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	422347	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	792779	20.00	ng/ul	0.00
18) Chrysene-d12	21.67	240	779465	20.00	ng/ul	0.01
23) Perylene-d12	24.86	264	785148	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.50	165	1520805	157.56	ng/uL	0.02
7) Acenaphthylene-d8	14.38	160	4566504	131.35	ng/ul	0.01
10) Fluorene-d10	15.67	176	3423759	134.49	ng/ul	0.00
15) Anthracene-d10	17.52	188	4520402	132.68	ng/ul	0.01
19) Pyrene-d10	19.79	212	4679384	123.08	ng/ul	0.01
26) Benzo(a)pyrene-d12	24.66	264	5073690	151.44	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.93	128	4205590	135.54	ng/ul#	90
5) 2-Methylnaphthalene	12.52	142	3226677	139.53	ng/ul	97
8) Acenaphthylene	14.41	152	4351677	123.68	ng/ul#	83
9) Acenaphthene	14.74	153	3385349	134.39	ng/ul	94
11) Fluorene	15.73	166	3558626	126.37	ng/ul#	98
13) Pentachlorophenol	17.06	266	872610	180.29	ng/uL	99
14) Phenanthrene	17.46	178	4998134	124.28	ng/ul#	80
16) Anthracene	17.55	178	4827926	119.50	ng/ul#	77
17) Fluoranthene	19.45	202	5172221	116.23	ng/ul#	80
20) Pyrene	19.82	202	5053649	108.41	ng/ul#	77
21) Benzo(a)anthracene	21.64	228	5467661	130.66	ng/ul#	76
22) Chrysene	21.71	228	5110690	130.85	ng/ul#	77
24) Benzo(b)fluoranthene	23.86	252	6337349	144.86	ng/ul#	91
25) Benzo(k)fluoranthene	23.93	252	5623488	136.07	ng/ul#	87
27) Benzo(a)pyrene	24.74	252	5800829	143.10	ng/ul#	90
28) Indeno(1,2,3-cd)pyrene	28.55	276	7231949	161.63	ng/ul	95
29) Dibenzo(a,h)anthracene	28.61	278	5575957	154.74	ng/ul	98
30) Benzo(g,h,i)perylene	29.70	276	6158553	186.21	ng/ul	97

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

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