

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021492.D
 Acq On : 24 Mar 2016 19:43
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T45MS

Quant Time: Mar 25 01:35:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.87	136	976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	569	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	1711	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	2148	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	1967	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.41	188	1711	20.41	ng/ul	-0.10
79) Pyrene-d10	19.79	212	53	0.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

						Ovalue
28) Naphthalene	10.92	128	681	13.16	ng/ul#	69
34) 2-Methylnaphthalene	12.52	142	137	3.57	ng/ul	95
35) 1-Methylnaphthalene	12.73	142	249	6.68	ng/ul#	6
45) Dimethylphthalate	14.12	163	13806	280.44	ng/ul	100
48) Acenaphthylene	14.40	152	1642	28.38	ng/ul#	67
50) Acenaphthene	14.74	153	5603	140.39	ng/ul	94
54) Dibenzofuran	15.07	168	3952	70.69	ng/ul#	84
57) Diethylphthalate	15.48	149	233	4.43	ng/ul#	59
59) Fluorene	15.72	166	8435	172.56	ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	256	4.83	ng/ul#	1
70) Phenanthrene	17.46	178	206871	2135.00	ng/ul	98
72) Anthracene	17.55	178	60285	611.46	ng/ul	98
75) Carbazole	17.83	167	6492	76.11	ng/ul	95
76) Di-n-butylphthalate	18.36	149	1148	10.43	ng/ul#	77
77) Fluoranthene	19.46	202	424540	3630.58	ng/ul#	94
80) Pyrene	19.82	202	378869	2960.27	ng/ul	94
81) Butylbenzylphthalate	20.68	149	302	5.59	ng/ul#	81
82) 3,3'-Dichlorobenzidine	21.43	252	150	3.37	ng/ul#	25
83) Benzo(a)anthracene	21.65	228	199179	1536.10	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	2723	34.44	ng/ul#	88
85) Chrysene	21.71	228	174538	1421.31	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	280	2.10	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	179560	1421.15	ng/ul	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
Data File : BG021492.D
Acq On : 24 Mar 2016 19:43
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Quant Time: Mar 25 01:35:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.86	252	179560	1446.77	ng/ul	96
91) Benzo(a)pyrene	24.73	252	149736	1220.77	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.53	276	83967	602.35	ng/ul	95
93) Dibenzo(a,h)anthracene	28.55	278	9698	81.78	ng/ul#	89
94) Benzo(g,h,i)perylene	29.68	276	70288	613.17	ng/ul	98

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
Data File : BG021492.D
Acq On : 24 Mar 2016 19:43
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Quant Time: Mar 25 01:35:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration

