

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
 Data File : BG018287.D
 Acq On : 6 Aug 2015 00:57
 Operator : UM/TP
 Sample : G3109-11RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C02L4RE

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:24:43 AM

Quant Time: Aug 14 03:14:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	60331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	280997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	172865	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	310138m	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	214221	20.00	ng/ul	0.01
86) Perylene-d12	23.28	264	211136	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	1183	1.69	ng/uL	0.00
5) Phenol-d5	6.64	99	69562	14.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	34835	15.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	60731	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	33791	8.44	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	33306	15.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	41276	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	66283	14.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	3057	0.55	ng/ul	0.01
44) Dimethylphthalate-d6	13.53	166	217610	16.28	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	255824	16.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	24792	11.24	ng/ul	0.00
58) Fluorene-d10	15.12	176	189511	15.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	29304	13.65	ng/ul	0.00
71) Anthracene-d10	16.98	188	229068	16.79	ng/ul	0.00
79) Pyrene-d10	19.29	212	181814	15.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.14	264	169291	15.41	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.26	128	69274	5.24	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	19316	1.82	ng/ul	96
45) Dimethylphthalate	13.58	163	81733	6.13	ng/ul	99
48) Acenaphthylene	13.84	152	45944	2.94	ng/ul	97
50) Acenaphthene	14.18	153	95982	9.50	ng/ul	95
54) Dibenzofuran	14.52	168	74386	5.00	ng/ul	97
59) Fluorene	15.18	166	107163	8.21	ng/ul	92
70) Phenanthrene	16.93	178	1369226m	87.48	ng/ul	
72) Anthracene	17.01	178	305999	19.59	ng/ul	99
75) Carbazole	17.29	167	120574	9.15	ng/ul	98
76) Di-n-butylphthalate	17.86	149	22714m	1.23	ng/ul	
77) Fluoranthene	18.96	202	2090727m	120.43	ng/ul	
80) Pyrene	19.34	202	1944442	130.54	ng/ul	98
83) Benzo(a)anthracene	21.09	228	919908	81.36	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.02	149	19201m	2.76	ng/ul	
85) Chrysene	21.14	228	897896	88.38	ng/ul	94
88) Benzo(b)fluoranthene	22.64	252	1571802m	121.38	ng/ul	
89) Benzo(k)fluoranthene	22.67	252	517015m	41.64	ng/ul	
91) Benzo(a)pyrene	23.20	252	1127958	99.77	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.50	276	695112	49.70	ng/ul	98
93) Dibenzo(a,h)anthracene	25.49	278	179861	14.66	ng/ul#	90
94) Benzo(g,h,i)perylene	26.17	276	596642	52.56	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02L4RE

Manual Integrations
APPROVED

apatel
8/10/2015 9:24:43 AM

Quant Time: Aug 14 03:14:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
Data File : BG018287.D
Acq On : 6 Aug 2015 00:57
Operator : UM/TP
Sample : G3109-11RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02L4RE

Manual Integrations
APPROVED

apatel
8/10/2015 9:24:43 AM

Quant Time: Aug 14 03:14:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

