

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018376.D
 Acq On : 11 Aug 2015 5:10
 Operator : UM/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02089

Manual Integrations
 APPROVED

apatel
 8/11/2015 9:14:17 AM

Quant Time: Aug 11 06:07:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 03:32:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	105575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	462062	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	272451	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	615598	20.00	ng/ul	0.01
78) Chrysene-d12	21.68	240	551174	20.00	ng/ul	0.02
86) Perylene-d12	24.90	264	571899	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	17658	7.39	ng/uL	0.00
5) Phenol-d5	7.20	99	192291	20.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	115211	19.40	ng/ul	0.01
9) 2-Chlorophenol-d4	7.57	132	149382	20.36	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	161091	20.01	ng/ul	0.01
19) Nitrobenzene-d5	9.20	128	75562	20.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.92	143	77647	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	164714	21.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.98	131	203697	23.15	ng/ul	0.01
44) Dimethylphthalate-d6	14.07	166	454824	19.84	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	605714	20.98	ng/ul	0.01
52) 4-Nitrophenol-d4	14.86	143	81202	19.69	ng/ul	0.02
58) Fluorene-d10	15.66	176	413101	20.69	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.77	200	48752	16.10	ng/ul	0.02
71) Anthracene-d10	17.51	188	596587	20.26	ng/ul	0.01
79) Pyrene-d10	19.79	212	589270	20.61	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.68	264	631461	20.80	ng/ul	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	19710	7.71	ng/ul	93
4) Benzaldehyde	7.18	77	125624	22.35	ng/ul	91
6) Phenol	7.23	94	197739	20.23	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.46	93	146310	19.46	ng/ul	93
10) 2-Chlorophenol	7.60	128	153797	20.56	ng/ul	97
11) 2-Methylphenol	8.48	108	151012	19.93	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	244355	20.25	ng/ul	97
14) Acetophenone	8.86	105	229752	19.76	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.84	70	127000	19.03	ng/ul	96
16) 4-Methylphenol	8.81	108	165439	20.00	ng/ul	97
17) Hexachloroethane	9.13	117	62902	19.51	ng/ul	92
20) Nitrobenzene	9.24	77	184012	20.24	ng/ul	94
21) Isophorone	9.77	82	335739	19.20	ng/ul	100
23) 2-Nitrophenol	9.95	139	89709	22.02	ng/ul	99
24) 2,4-Dimethylphenol	10.01	107	179710	19.69	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	210194	19.29	ng/ul	92
27) 2,4-Dichlorophenol	10.49	162	153938	21.11	ng/ul	97
28) Naphthalene	10.90	128	505128	20.68	ng/ul	98
30) 4-Chloroaniline	11.00	127	207764	23.22	ng/ul	99
31) Hexachlorobutadiene	11.18	225	100878	21.90	ng/ul	96
32) Caprolactam	11.76	113	58957m	20.07	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	175465	20.76	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	356418	20.15	ng/ul	91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018376.D
 Acq On : 11 Aug 2015 5:10
 Operator : UM/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02089

Manual Integrations
 APPROVED

apatel
 8/11/2015 9:14:17 AM

Quant Time: Aug 11 06:07:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 03:32:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	355657	20.59	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	191869	21.96	ng/ul	99
38) Hexachlorocyclopentadiene	12.85	237	68202	13.11	ng/ul	90
39) 2,4,6-Trichlorophenol	13.10	196	134186	22.55	ng/ul	97
40) 2,4,5-Trichlorophenol	13.18	196	143683	22.46	ng/ul	96
41) 1,1'-Biphenyl	13.50	154	472724	20.79	ng/ul	97
42) 2-Chloronaphthalene	13.54	162	371404	21.03	ng/ul	98
43) 2-Nitroaniline	13.74	65	117676	20.64	ng/ul	95
45) Dimethylphthalate	14.11	163	446567	19.75	ng/ul	97
46) 2,6-Dinitrotoluene	14.24	165	97974	21.76	ng/ul	92
48) Acenaphthylene	14.39	152	598437	20.67	ng/ul	98
49) 3-Nitroaniline	14.57	138	108443	23.61	ng/ul	90
50) Acenaphthene	14.73	153	419406	20.65	ng/ul	100
51) 2,4-Dinitrophenol	14.77	184	29099	13.25	ng/ul	87
53) 4-Nitrophenol	14.87	109	67831	18.92	ng/ul	96
54) Dibenzofuran	15.07	168	551185	20.77	ng/ul	96
55) 2,4-Dinitrotoluene	15.02	165	136874	21.30	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.29	232	120084	21.54	ng/ul#	99
57) Diethylphthalate	15.48	149	470326	19.58	ng/ul	97
59) Fluorene	15.71	166	459033	20.11	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.70	204	224480	20.78	ng/ul	98
61) 4-Nitroaniline	15.72	138	106563	21.00	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	51631	15.99	ng/ul	100
65) N-Nitrosodiphenylamine	15.92	169	391937	21.16	ng/ul	98
66) 4-Bromophenyl-phenylether	16.60	248	143732	21.59	ng/ul	97
67) Hexachlorobenzene	16.72	284	151881	21.57	ng/ul	98
68) Atrazine	16.86	200	151662	21.88	ng/ul	95
69) Pentachlorophenol	17.06	266	98603	20.91	ng/ul	99
70) Phenanthrene	17.45	178	669278	20.04	ng/ul	100
72) Anthracene	17.55	178	694313	20.40	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	200538	23.54	ng/uL	97
74) Pentachlorobenzene	14.99	250	187565	23.06	ng/uL	93
75) Carbazole	17.81	167	637365	21.36	ng/ul	100
76) Di-n-butylphthalate	18.37	149	760810	19.52	ng/ul	99
77) Fluoranthene	19.46	202	734116	20.58	ng/ul	97
80) Pyrene	19.82	202	762459	20.46	ng/ul	100
81) Butylbenzylphthalate	20.71	149	333325	21.14	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.57	252	246969	21.58	ng/ul	99
83) Benzo(a)anthracene	21.66	228	711755	20.83	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	480562	21.58	ng/ul#	100
85) Chrysene	21.72	228	674561	21.11	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	838673	22.73	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	719084	20.01	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	718739	20.77	ng/ul	99
91) Benzo(a)pyrene	24.75	252	703940	20.60	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.59	276	801639	20.28	ng/ul	100
93) Dibenzo(a,h)anthracene	28.64	278	667155	20.32	ng/ul	98
94) Benzo(g,h,i)perylene	29.73	276	652218m	19.65	ng/ul	

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018376.D
Acq On : 11 Aug 2015 5:10
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02089

Manual Integrations
APPROVED

apatel
8/11/2015 9:14:17 AM

Quant Time: Aug 11 06:07:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 03:32:16 2015
Response via : Initial Calibration

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

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

