

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012784.D
 Acq On : 06 Nov 2017 19:11
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 SSTD02001

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:35:29 PM

Quant Time: Nov 07 06:02:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	112162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	487381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	322638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	773717	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	811397	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	712435	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	14692	7.08	ng/uL	0.00
5) Phenol-d5	6.98	99	163494	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	88032	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	138213	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	148271	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	68788	19.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	82689	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	165985	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	191523	23.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	515360	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	630816	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	78576	18.37	ng/ul	0.00
57) Fluorene-d10	15.44	176	433918	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	89764	17.57	ng/ul	0.00
70) Anthracene-d10	17.29	188	703335	18.81	ng/ul	0.00
78) Pyrene-d10	19.59	212	758822	20.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	640590	19.02	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.33	88	16733	7.180	ng/uL 98
4) Benzaldehyde	6.95	77	102587	23.112	ng/ul 98
6) Phenol	7.01	94	168175	19.630	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.23	93	126422	19.687	ng/ul 99
10) 2-Chlorophenol	7.37	128	141840	19.806	ng/ul 100
11) 2-Methylphenol	8.25	108	129949	19.934	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	111145	20.949	ng/ul 95
14) Acetophenone	8.63	105	221393	20.425	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	109125	20.942	ng/ul 97
16) 4-Methylphenol	8.58	108	146314	20.679	ng/ul 99
17) Hexachloroethane	8.88	117	55542	19.267	ng/ul# 68
20) Nitrobenzene	9.00	77	155691	18.369	ng/ul 98
21) Isophorone	9.53	82	311025	20.378	ng/ul 97
23) 2-Nitrophenol	9.72	139	86365	19.467	ng/ul 98
24) 2,4-Dimethylphenol	9.78	107	172791	19.149	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.01	93	184917	19.435	ng/ul 99
27) 2,4-Dichlorophenol	10.25	162	159336	19.355	ng/ul 98
28) Naphthalene	10.65	128	454899	18.669	ng/ul 99
30) 4-Chloroaniline	10.76	127	192124	23.442	ng/ul 99
31) Hexachlorobutadiene	10.93	225	115244	17.799	ng/ul 99
32) Caprolactam	11.55	113	50443m	21.787	ng/ul
33) 4-Chloro-3-methylphenol	11.89	107	165890	20.724	ng/ul 96
34) 2-Methylnaphthalene	12.26	142	362252	19.453	ng/ul 99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012784.D
 Acq On : 06 Nov 2017 19:11
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02001

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:35:29 PM

Quant Time: Nov 07 06:02:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	222920	17.848	ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	64285	10.106	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	147249	18.656	ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	155012	18.824	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	487202	18.256	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	383674	18.197	ng/ul	95
42) 2-Nitroaniline	13.53	65	97925	19.657	ng/ul	94
44) Dimethylphthalate	13.90	163	516137	19.481	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	107957	20.356	ng/ul	94
47) Acenaphthylene	14.17	152	602479	18.820	ng/ul	100
48) 3-Nitroaniline	14.36	138	99903	22.340	ng/ul	98
49) Acenaphthene	14.51	153	411160	18.856	ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	49156	14.840	ng/ul	88
52) 4-Nitrophenol	14.68	109	64484	17.083	ng/ul	99
53) Dibenzofuran	14.84	168	598725	18.825	ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	155977	19.999	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.08	232	143167	18.729	ng/ul#	82
56) Diethylphthalate	15.27	149	505907	19.660	ng/ul	97
58) Fluorene	15.50	166	501634	18.987	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	275079	18.739	ng/ul#	88
60) 4-Nitroaniline	15.52	138	110051	21.142	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	93463	17.378	ng/ul	94
64) N-Nitrosodiphenylamine	15.70	169	442128	18.926	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	192076	19.108	ng/ul#	82
66) Hexachlorobenzene	16.50	284	212655	18.736	ng/ul#	82
67) Atrazine	16.66	200	178787	19.170	ng/ul	95
68) Pentachlorophenol	16.85	266	102036	15.734	ng/ul	98
69) Phenanthrene	17.23	178	782824	18.511	ng/ul	99
71) Anthracene	17.33	178	828515	18.895	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	220079	17.402	ng/uL	99
73) Pentachlorobenzene	14.77	250	235514	18.198	ng/uL	100
74) Carbazole	17.60	167	690655	18.885	ng/ul	98
75) Di-n-butylphthalate	18.16	149	845433	19.729	ng/ul	99
76) Fluoranthene	19.25	202	956666	18.825	ng/ul#	93
79) Pyrene	19.62	202	981402	20.273	ng/ul#	91
80) Butylbenzylphthalate	20.50	149	366054	20.735	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.29	252	337636	18.814	ng/ul#	98
82) Benzo(a)anthracene	21.36	228	934051	19.024	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	519186	20.187	ng/ul#	95
84) Chrysene	21.41	228	826357	18.571	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	834450	22.266	ng/ul	99
87) Benzo(b)fluoranthene	22.97	252	871345	20.013	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	791145	19.117	ng/ul#	96
90) Benzo(a)pyrene	23.56	252	785332	18.957	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.97	276	848616	16.996	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.98	278	728675	17.240	ng/ul#	93
93) Benzo(g,h,i)perylene	26.68	276	692617	16.834	ng/ul#	90

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012784.D
Acq On : 06 Nov 2017 19:11
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
SSTD02001

Manual Integrations
APPROVED

Sohil
11/7/2017 5:35:29 PM

Quant Time: Nov 07 06:02:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

