

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX102119\
 Data File : VX013166.D
 Acq On : 21 Oct 2019 20:46
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 22 02:35:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	2.154	1.949	9.5	91	0.00
3 M	Chloromethane	1.878	1.751	6.8	97	0.00
4 M	Vinyl Chloride	1.941	1.732	10.8	93	0.00
5 M	Bromomethane	1.048	1.099	-4.9	94	0.00
6 M	Chloroethane	1.239	1.152	7.0	94	0.00
7 M	Trichlorofluoromethane	3.120	2.803	10.2	92	0.00
8 T	Diethyl Ether	1.065	0.974	8.5	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.906	1.680	11.9	94	0.00
10 M	1,1-Dichloroethene	1.840	1.651	10.3	93	0.00
11	Methyl Iodide	2.370	1.857	21.6	86	0.00
12	Methyl Acetate	2.377	2.203	7.3	94	0.00
13 M	Acrolein	0.354	0.286	19.2	79	0.00
14 M	Acrylonitrile	0.994	0.934	6.0	95	0.00
15 M	Acetone	0.327	0.259	20.8	76	0.00
16 M	Carbon Disulfide	4.915	4.130	16.0	89	0.00
17	Allyl chloride	2.927	2.556	12.7	91	0.00
18 M	Methylene Chloride	2.131	1.909	10.4	94	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.786	8.6	95	0.00
20 T	Diisopropyl ether	5.662	5.320	6.0	96	0.00
21 M	1,1-Dichloroethane	3.438	3.116	9.4	94	0.00
22 M	cis-1,2-Dichloroethene	2.227	2.052	7.9	95	0.00
23 M	tert-Butyl Alcohol	0.524	0.411	21.6	80	0.00
24 M	Methyl tert-Butyl Ether	6.347	5.720	9.9	95	0.00
25 M	Chloroform	3.613	3.312	8.3	95	0.00
26	Cyclohexane	3.016	2.684	11.0	93	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.229	5.6	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.466	0.428	8.2	92	0.00
30 M	2-Butanone	0.244	0.221	9.4	88	0.00
31	2,2-Dichloropropane	0.539	0.444	17.6	84	0.00
32 M	1,1,1-Trichloroethane	0.564	0.514	8.9	93	0.00
33 M	Carbon Tetrachloride	0.485	0.429	11.5	90	0.00
34 M	Benzene	1.342	1.275	5.0	94	0.00
35	Methacrylonitrile	0.251	0.233	7.2	94	0.00
36 M	1,2-Dichloroethane	0.507	0.478	5.7	93	0.00
37 M	Trichloroethene	0.372	0.347	6.7	94	0.00
38	Methylcyclohexane	0.568	0.511	10.0	93	0.00
39 M	1,2-Dichloropropane	0.329	0.313	4.9	95	0.00
40	Dibromomethane	0.235	0.223	5.1	94	0.00
41 M	Bromodichloromethane	0.474	0.430	9.3	92	0.00
42 M	Vinyl Acetate	0.848	0.791	6.7	93	0.00
43	Ethyl Acetate	0.446	0.440	1.3	101	0.00
44	Isopropyl Acetate	0.749	0.710	5.2	94	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102119\
 Data File : VX013166.D
 Acq On : 21 Oct 2019 20:46
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 22 02:35:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.369	0.337	8.7	92	0.00
47	n-amyl Acetate	0.632	0.574	9.2	96	0.00
48 M	t-1,3-Dichloropropene	0.520	0.459	11.7	93	0.00
49 T	cis-1,3-Dichloropropene	0.566	0.505	10.8	91	0.00
50 M	1,1,2-Trichloroethane	0.347	0.328	5.5	94	0.00
51	Ethyl methacrylate	0.545	0.498	8.6	94	0.00
52	1,3-Dichloropropane	0.585	0.549	6.2	93	0.00
53 M	Dibromochloromethane	0.375	0.334	10.9	93	0.00
54 M	1,2-Dibromoethane	0.371	0.355	4.3	95	0.00
55 M	2-Chloroethyl vinyl ether	0.221	0.221	0.0	102	0.00
56 M	Bromoform	0.266	0.223	16.2	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.493	2.6	93	0.00
59 M	2-Hexanone	0.396	0.370	6.6	90	0.00
60 S	4-Bromofluorobenzene	0.522	0.505	3.3	95	0.00
61 M	Tetrachloroethene	0.398	0.402	-1.0	95	0.00
62 M	Toluene	1.619	1.564	3.4	94	0.00
63 S	Toluene-d8	1.334	1.378	-3.3	99	0.00
64 M	Chlorobenzene	1.038	0.990	4.6	95	0.00
65	1,1,1,2-Tetrachloroethane	0.389	0.368	5.4	93	0.00
66 M	Ethyl Benzene	1.864	1.772	4.9	95	0.00
67 M	m/p-Xylenes	0.708	0.664	6.2	92	0.00
68 M	o-Xylene	0.676	0.646	4.4	97	0.00
69 M	Styrene	1.164	1.091	6.3	93	0.00
70	Isopropylbenzene	1.856	1.699	8.5	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.569	0.538	5.4	95	0.00
72	1,2,3-Trichloropropane	0.494	0.458	7.3	83	0.00
73	Bromobenzene	0.445	0.413	7.2	95	0.00
74	n-propylbenzene	2.037	1.866	8.4	92	0.00
75	2-Chlorotoluene	1.274	1.173	7.9	91	0.00
76	1,3,5-Trimethylbenzene	1.558	1.464	6.0	96	0.00
77	t-1,4-Dichloro-2-butene	0.192	0.157	18.2	86	0.00
78	4-Chlorotoluene	1.456	1.388	4.7	97	0.00
79	tert-butylbenzene	1.500	1.381	7.9	96	0.00
80	1,2,4-Trimethylbenzene	1.556	1.481	4.8	97	0.00
81	sec-Butylbenzene	1.787	1.641	8.2	92	0.00
82	p-Isopropyltoluene	1.634	1.536	6.0	96	0.00
83 M	1,3-Dichlorobenzene	0.813	0.750	7.7	95	0.00
84 M	1,4-Dichlorobenzene	0.804	0.752	6.5	96	0.00
85	n-Butylbenzene	1.388	1.206	13.1	91	0.00
86 T	Hexachloroethane	0.285	0.245	14.0	90	0.00
87 M	1,2-Dichlorobenzene	0.789	0.735	6.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.140	0.118	15.7	83	0.00
89	1,2,4-Trichlorobenzene	0.491	0.456	7.1	97	0.00
90	Hexachlorobutadiene	0.249	0.207	16.9	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102119\
Data File : VX013166.D
Acq On : 21 Oct 2019 20:46
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Oct 22 02:35:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.596	1.526	4.4	98	0.00
92	1,2,3-Trichlorobenzene	0.503	0.458	8.9	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0