

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040709.D
 Acq On : 19 Mar 2024 08:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 20 04:30:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	98	0.00
2 M	Dichlorodifluoromethane	20.000	19.361	3.2	107	0.00
3 M	Chloromethane	20.000	18.663	6.7	100	0.00
4 M	Vinyl Chloride	20.000	19.021	4.9	104	0.00
5 M	Bromomethane	20.000	24.067	-20.3	111	0.02
6 M	Chloroethane	20.000	19.906	0.5	118	0.02
7 M	Trichlorofluoromethane	20.000	21.790	-8.9	126	0.02
8 T	Diethyl Ether	20.000	18.155	9.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.931	15.3	93	0.00
10 M	1,1-Dichloroethene	20.000	15.957	20.2	89	0.00
11	Methyl Iodide	20.000	12.043	39.8#	69	0.00
12	Methyl Acetate	20.000	19.152	4.2	106	0.00
13 M	Acrolein	100.000	54.457	45.5#	61	0.00
14 M	Acrylonitrile	100.000	88.380	11.6	97	0.00
15 M	Acetone	100.000	120.023	-20.0	123	0.00
16 M	Carbon Disulfide	20.000	17.442	12.8	99	0.01
17	Allyl chloride	20.000	19.166	4.2	106	0.00
18 M	Methylene Chloride	20.000	19.225	3.9	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.290	3.6	106	0.00
20 T	Diisopropyl ether	20.000	19.482	2.6	108	0.00
21 M	1,1-Dichloroethane	20.000	19.589	2.1	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.449	2.8	106	0.00
23 M	tert-Butyl Alcohol	100.000	80.174	19.8	92	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.149	4.3	106	0.00
25 M	Chloroform	20.000	19.838	0.8	110	0.00
26	Cyclohexane	20.000	18.991	5.0	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.497	1.7	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.188	-0.9	112	0.00
30 M	2-Butanone	100.000	103.247	-3.2	108	-0.01
31	2,2-Dichloropropane	20.000	20.524	-2.6	110	0.00
32 M	1,1,1-Trichloroethane	20.000	19.947	0.3	109	0.00
33 M	Carbon Tetrachloride	20.000	19.954	0.2	111	0.00
34 M	Benzene	20.000	19.919	0.4	107	0.00
35	Methacrylonitrile	20.000	19.211	3.9	101	0.00
36 M	1,2-Dichloroethane	20.000	19.998	0.0	106	0.00
37 M	Trichloroethene	20.000	19.929	0.4	109	0.00
38	Methylcyclohexane	20.000	20.059	-0.3	108	0.00
39 M	1,2-Dichloropropane	20.000	20.706	-3.5	109	0.00
40	Dibromomethane	20.000	20.158	-0.8	104	0.00
41 M	Bromodichloromethane	20.000	20.872	-4.4	111	0.00
42 M	Vinyl Acetate	100.000	96.308	3.7	104	0.00
43	Ethyl Acetate	20.000	17.445	12.8	90	0.00
44	Isopropyl Acetate	20.000	18.728	6.4	102	0.00
45 T	1,4-Dioxane	400.000	341.194	14.7	88	0.00
46	Methyl methacrylate	20.000	19.070	4.6	100	0.00
47	n-amyl Acetate	20.000	18.270	8.7	109	0.00
48 M	t-1,3-Dichloropropene	20.000	19.927	0.4	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040709.D
 Acq On : 19 Mar 2024 08:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 20 04:30:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.364	-1.8	111	0.00
50 M	1,1,2-Trichloroethane	20.000	20.218	-1.1	107	0.00
51	Ethyl methacrylate	20.000	19.504	2.5	104	0.00
52	1,3-Dichloropropane	20.000	20.306	-1.5	106	0.00
53 M	Dibromochloromethane	20.000	19.545	2.3	106	0.00
54 M	1,2-Dibromoethane	20.000	19.656	1.7	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.636	-1.6	104	0.00
56 M	Bromoform	20.000	20.330	-1.6	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.020	7.0	100	0.00
59 M	2-Hexanone	100.000	97.677	2.3	108	0.00
60 S	4-Bromofluorobenzene	30.000	31.631	-5.4	122	0.00
61 M	Tetrachloroethene	20.000	20.357	-1.8	112	0.00
62 M	Toluene	20.000	19.578	2.1	107	0.00
63 S	Toluene-d8	30.000	29.861	0.5	102	0.00
64 M	Chlorobenzene	20.000	19.838	0.8	121	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.573	2.1	121	0.00
66 M	Ethyl Benzene	20.000	19.664	1.7	121	0.00
67 M	m/p-Xylenes	40.000	39.578	1.1	122	0.00
68 M	o-Xylene	20.000	19.433	2.8	117	0.00
69 M	Styrene	20.000	19.609	2.0	118	0.00
70	Isopropylbenzene	20.000	20.100	-0.5	123	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.523	2.4	117	0.00
72	1,2,3-Trichloropropane	20.000	19.680	1.6	125	0.00
73	Bromobenzene	20.000	19.809	1.0	121	0.00
74	n-propylbenzene	20.000	20.311	-1.6	126	0.00
75	2-Chlorotoluene	20.000	20.332	-1.7	127	0.00
76	1,3,5-Trimethylbenzene	20.000	19.713	1.4	123	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.173	4.1	118	0.00
78	4-Chlorotoluene	20.000	20.362	-1.8	132	0.00
79	tert-butylbenzene	20.000	19.647	1.8	127	0.00
80	1,2,4-Trimethylbenzene	20.000	20.223	-1.1	130	0.00
81	sec-Butylbenzene	20.000	19.722	1.4	126	0.00
82	p-Isopropyltoluene	20.000	19.530	2.3	125	0.00
83 M	1,3-Dichlorobenzene	20.000	19.915	0.4	124	0.00
84 M	1,4-Dichlorobenzene	20.000	20.066	-0.3	126	0.00
85	n-Butylbenzene	20.000	19.100	4.5	123	0.00
86 T	Hexachloroethane	20.000	19.422	2.9	130	0.00
87 M	1,2-Dichlorobenzene	20.000	19.347	3.3	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.044	9.8	112	0.00
89	1,2,4-Trichlorobenzene	20.000	17.347	13.3	108	0.00
90	Hexachlorobutadiene	20.000	17.509	12.5	110	0.00
91 M	Naphthalene	20.000	15.743	21.3	99	0.00
92	1,2,3-Trichlorobenzene	20.000	17.821	10.9	111	0.00

(#) = Out of Range

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