

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041660.D
 Acq On : 28 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 29 05:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 M	Dichlorodifluoromethane	1.569	1.504	4.1	97	0.00
3 M	Chloromethane	1.718	1.514	11.9	83	0.00
4 M	Vinyl Chloride	1.809	1.681	7.1	89	0.00
5 M	Bromomethane	1.151	1.021	11.3	88	0.00
6 M	Chloroethane	0.915	0.949	-3.7	101	0.00
7 M	Trichlorofluoromethane	2.746	2.855	-4.0	98	0.00
8 T	Diethyl Ether	1.025	1.102	-7.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.639	-3.0	91	0.00
10 M	1,1-Dichloroethene	1.535	1.529	0.4	88	0.00
11	Methyl Iodide	1.828	1.914	-4.7	100	0.00
12	Methyl Acetate	2.312	2.598	-12.4	105	0.00
13 M	Acrolein	0.281	0.238	15.3	77	0.00
14 M	Acrylonitrile	1.016	1.006	1.0	96	0.00
15 M	Acetone	0.272	0.303	-11.4	99	0.00
16 M	Carbon Disulfide	3.465	2.911	16.0	84	0.00
17	Allyl chloride	2.724	2.604	4.4	90	0.00
18 M	Methylene Chloride	1.826	1.905	-4.3	96	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.584	10.0	86	0.00
20 T	Diisopropyl ether	5.723	5.430	5.1	90	0.00
21 M	1,1-Dichloroethane	3.212	3.069	4.5	93	0.00
22 M	cis-1,2-Dichloroethene	2.139	1.971	7.9	90	0.00
23 M	tert-Butyl Alcohol	0.431	0.426	1.2	96	-0.01
24 M	Methyl tert-Butyl Ether	5.730	5.317	7.2	90	0.00
25 M	Chloroform	3.422	3.261	4.7	92	0.00
26	Cyclohexane	2.678	2.419	9.7	87	-0.01
27 s	1,2-Dichloroethane-d4	2.362	2.573	-8.9	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.397	0.345	13.1	87	0.00
30 M	2-Butanone	0.263	0.256	2.7	96	0.00
31	2,2-Dichloropropane	0.466	0.411	11.8	87	0.00
32 M	1,1,1-Trichloroethane	0.532	0.490	7.9	92	0.00
33 M	Carbon Tetrachloride	0.456	0.418	8.3	93	0.00
34 M	Benzene	1.253	1.137	9.3	89	0.00
35	Methacrylonitrile	0.266	0.263	1.1	98	-0.01
36 M	1,2-Dichloroethane	0.468	0.440	6.0	93	-0.01
37 M	Trichloroethene	0.349	0.305	12.6	87	0.00
38	Methylcyclohexane	0.504	0.445	11.7	87	0.00
39 M	1,2-Dichloropropane	0.296	0.263	11.1	86	-0.01
40	Dibromomethane	0.233	0.215	7.7	94	0.00
41 M	Bromodichloromethane	0.438	0.409	6.6	96	0.00
42 M	Vinyl Acetate	0.914	0.835	8.6	90	0.00
43	Ethyl Acetate	0.508	0.438	13.8	86	0.00
44	Isopropyl Acetate	0.768	0.713	7.2	93	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	87	0.00
46	Methyl methacrylate	0.382	0.360	5.8	95	0.00
47	n-amyl Acetate	0.697	0.634	9.0	93	0.00
48 M	t-1,3-Dichloropropene	0.440	0.396	10.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041660.D
 Acq On : 28 May 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 29 05:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.426	10.5	92	0.00
50 M	1,1,2-Trichloroethane	0.324	0.306	5.6	94	0.00
51	Ethyl methacrylate	0.522	0.459	12.1	90	0.00
52	1,3-Dichloropropane	0.536	0.500	6.7	91	0.00
53 M	Dibromochloromethane	0.369	0.347	6.0	99	0.00
54 M	1,2-Dibromoethane	0.344	0.328	4.7	94	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.261	-2.4	100	0.00
56 M	Bromoform	0.296	0.272	8.1	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.535	2.4	96	0.00
59 M	2-Hexanone	0.437	0.419	4.1	97	0.00
60 S	4-Bromofluorobenzene	0.468	0.478	-2.1	99	0.00
61 M	Tetrachloroethene	0.367	0.321	12.5	88	0.00
62 M	Toluene	1.493	1.349	9.6	91	0.00
63 S	Toluene-d8	1.286	1.244	3.3	95	0.00
64 M	Chlorobenzene	1.014	0.922	9.1	93	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.328	8.6	94	0.00
66 M	Ethyl Benzene	1.658	1.514	8.7	92	0.00
67 M	m/p-Xylenes	0.648	0.593	8.5	90	0.00
68 M	o-Xylene	0.652	0.599	8.1	94	0.00
69 M	Styrene	1.094	0.984	10.1	92	0.00
70	Isopropylbenzene	1.649	1.544	6.4	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.537	5.1	96	0.00
72	1,2,3-Trichloropropane	0.511	0.455	11.0	89	0.00
73	Bromobenzene	0.484	0.436	9.9	92	0.00
74	n-propylbenzene	1.859	1.716	7.7	93	0.00
75	2-Chlorotoluene	1.167	1.080	7.5	93	0.00
76	1,3,5-Trimethylbenzene	1.407	1.299	7.7	94	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.144	10.6	99	0.00
78	4-Chlorotoluene	1.330	1.202	9.6	91	0.00
79	tert-butylbenzene	1.498	1.375	8.2	93	0.00
80	1,2,4-Trimethylbenzene	1.411	1.300	7.9	92	0.00
81	sec-Butylbenzene	1.750	1.622	7.3	94	0.00
82	p-Isopropyltoluene	1.532	1.414	7.7	95	0.00
83 M	1,3-Dichlorobenzene	0.869	0.789	9.2	94	0.00
84 M	1,4-Dichlorobenzene	0.878	0.786	10.5	93	0.00
85	n-Butylbenzene	1.233	1.105	10.4	96	0.00
86 T	Hexachloroethane	0.258	0.232	10.1	98	0.00
87 M	1,2-Dichlorobenzene	0.887	0.810	8.7	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.118	4.8	100	0.00
89	1,2,4-Trichlorobenzene	0.596	0.537	9.9	95	0.00
90	Hexachlorobutadiene	0.291	0.267	8.2	95	0.00
91 M	Naphthalene	1.781	1.607	9.8	94	0.00
92	1,2,3-Trichlorobenzene	0.609	0.551	9.5	93	0.00

(#) = Out of Range

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