

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
 Data File : VL042141.D
 Acq On : 14 Mar 2025 08:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 14 23:16:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 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)
1 I	Bromochloromethane	1.000	1.000	0.0	109	-0.02
2 T	Dichlorodifluoromethane	1.040	1.091	-4.9	126	0.00
3	Chlorodifluoromethane	1.453	1.297	10.7	108	0.00
4	Chloromethane	0.385	0.413	-7.3	131	0.00
5 T	Vinyl Chloride	0.364	0.403	-10.7	131	0.00
6 T	Bromomethane	0.173	0.195	-12.7	133	0.00
7	Chloroethane	0.148	0.156	-5.4	126	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.919	-7.5	129	0.00
9 T	Propene	0.592	0.545	7.9	114	0.00
10 T	Heptane	1.844	1.534	16.8	101	-0.03
11 T	Trichlorofluoromethane	1.042	1.153	-10.7	133	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.854	-2.8	134	0.00
13	Ethanol	0.038	0.034#	10.5	187#	0.00
14 T	Bromoethene	0.293	0.314	-7.2	130	0.00
15 T	Acetone	0.883	0.898	-1.7	137	0.00
16 T	1,3-Butadiene	0.411	0.432	-5.1	132	0.00
17	tert-Butyl alcohol	1.105	1.009	8.7	116	0.00
18 T	1,1-Dichloroethene	0.376	0.368	2.1	126	0.00
19 T	Isopropyl Alcohol	0.507	0.512	-1.0	133	0.00
20 T	Methylene Chloride	0.334	0.366	-9.6	153#	0.00
21 T	Allyl Chloride	0.638	0.648	-1.6	131	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.457	-4.3	140	0.00
23 T	Vinyl Acetate	0.621	0.537	13.5	113	-0.01
24 T	1,1-Dichloroethane	0.815	0.878	-7.7	143	0.00
25 T	Ethyl Acetate	3.535	3.139	11.2	108	-0.02
26 T	Hexane	1.429	1.277	10.6	109	-0.02
27 T	Carbon Disulfide	0.969	1.058	-9.2	135	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.604	15.0	126	-0.01
29 T	Chloroform	1.923	1.686	12.3	107	-0.01
30 T	Cyclohexane	1.160	0.929	19.9	94	-0.02
31 T	cis-1,2-Dichloroethene	1.353	1.097	18.9	97	-0.01
32 T	1,1,1-Trichloroethane	1.866	1.527	18.2	94	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	-0.02
34 T	2-Butanone	0.779	0.726	6.8	104	-0.01
35 T	Carbon Tetrachloride	0.690	0.666	3.5	101	-0.02
36 T	Benzene	1.047	0.951	9.2	98	-0.02
37 T	1,2-Dichloroethane	0.580	0.517	10.9	99	-0.02
38 T	Trichloroethene	0.427	0.362	15.2	95	-0.02
39 T	1,2-Dichloropropane	0.397	0.359	9.6	100	-0.02
40 T	1,4-Dioxane	0.181	0.160	11.6	97	-0.03
41 T	Tetrahydrofuran	0.460	0.415	9.8	99	-0.02
42 T	Bromodichloromethane	0.782	0.732	6.4	99	-0.03
43	Methyl Methacrylate	0.409	0.346	15.4	88	-0.03
44 T	2,2,4-Trimethylpentane	1.848	1.708	7.6	102	-0.03
45 T	t-1,3-Dichloropropene	0.406	0.321	20.9	81	-0.03
46 T	cis-1,3-Dichloropropene	0.526	0.436	17.1	84	-0.03
47 T	1,1,2-Trichloroethane	0.403	0.368	8.7	102	-0.03
48 T	Dibromochloromethane	0.632	0.570	9.8	95	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.509	7.3	96	-0.02
50 T	4-Methyl-2-Pentanone	1.008	0.972	3.6	95	-0.03
51 T	2-Hexanone	0.693	0.754	-8.8	90	-0.03
52 T	Tetrachloroethene	0.358	0.309	13.7	94	-0.02
53 T	Toluene	1.170	1.008	13.8	92	-0.03
54 T	1,2-Dibromoethane	0.545	0.480	11.9	95	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.02
56	1,1,1,2-Tetrachloroethane	0.565	0.536	5.1	102	-0.02
57 T	Chlorobenzene	1.037	0.962	7.2	101	-0.02
58 T	Ethyl Benzene	1.842	1.598	13.2	90	-0.02
59 T	m/p-Xylene	1.466	1.341	8.5	97	0.00
60 T	o-Xylene	1.473	1.353	8.1	98	-0.02
61 T	Styrene	0.693	0.591	14.7	86	-0.02
62	Isopropylbenzene	2.207	2.005	9.2	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.970	0.953	1.8	108	-0.02
64	n-propylbenzene	0.579	0.548	5.4	100	-0.02
65	tert-Butylbenzene	2.008	1.830	8.9	101	-0.01
66 T	Benzyl Chloride	0.153	0.128	16.3	80	-0.01
67	sec-Butylbenzene	2.872	2.579	10.2	100	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.769	0.818	-6.4	103	-0.02
69	p-Isopropyltoluene	2.285	2.101	8.1	100	-0.01
70	n-Butylbenzene	2.332	2.153	7.7	100	-0.02
71	2-Chlorotoluene	1.701	1.501	11.8	95	-0.02
72 T	4-Ethyltoluene	1.799	1.632	9.3	96	-0.02
73 T	1,3,5-Trimethylbenzene	1.560	1.379	11.6	96	-0.02
74 T	1,2,4-Trimethylbenzene	1.757	1.565	10.9	102	-0.02
75 T	1,3-Dichlorobenzene	1.011	0.939	7.1	104	-0.02
76 T	1,4-Dichlorobenzene	1.004	0.915	8.9	102	-0.01
77 T	1,2-Dichlorobenzene	0.981	0.921	6.1	106	-0.02
78 T	Hexachloro-1,3-Butadiene	0.764	0.642	16.0	97	-0.01
79 T	Naphthalene	1.205	1.345	-11.6	94	-0.01
80 T	Naphthalene,2-methyl-	0.330	0.422	-27.9	72	-0.01
81 T	1,2,4-Trichlorobenzene	0.671	0.612	8.8	91	-0.02

(#) = Out of Range

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