

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041886.D
 Acq On : 10 Jan 2025 01:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 10 03:16:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 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	70	0.00
2 T	Dichlorodifluoromethane	1.642	2.397	-46.0#	111	0.00
3	Chlorodifluoromethane	1.803	2.157	-19.6	91	0.00
4	Chloromethane	0.638	0.832	-30.4#	102	0.00
5 T	Vinyl Chloride	0.679	0.852	-25.5	103	0.00
6 T	Bromomethane	0.320	0.414	-29.4	109	0.00
7	Chloroethane	0.263	0.352	-33.8#	107	0.00
8 T	Dichlorotetrafluoroethane	1.427	1.979	-38.7#	106	0.00
9 T	Propene	0.841	0.900	-7.0	84	0.00
10 T	Heptane	2.219	2.453	-10.5	85	-0.02
11 T	Trichlorofluoromethane	1.687	2.462	-45.9#	116	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.365	1.909	-39.9#	110	0.00
13	Ethanol	0.053	0.058	-9.4	116	0.00
14 T	Bromoethene	0.489	0.684	-39.9#	109	0.00
15 T	Acetone	1.687	1.935	-14.7	111	0.00
16 T	1,3-Butadiene	0.724	0.887	-22.5	108	0.00
17	tert-Butyl alcohol	1.914	2.520	-31.7#	103	0.00
18 T	1,1-Dichloroethene	0.618	0.837	-35.4#	108	0.00
19 T	Isopropyl Alcohol	0.886	1.058	-19.4	100	0.00
20 T	Methylene Chloride	0.575	0.704	-22.4	103	0.00
21 T	Allyl Chloride	1.079	1.395	-29.3	103	0.00
22 T	trans-1,2-Dichloroethene	0.715	0.938	-31.2#	107	0.00
23 T	Vinyl Acetate	0.855	0.898	-5.0	77	0.00
24 T	1,1-Dichloroethane	1.355	1.833	-35.3#	108	0.00
25 T	Ethyl Acetate	4.191	4.880	-16.4	87	0.00
26 T	Hexane	1.724	1.946	-12.9	86	0.00
27 T	Carbon Disulfide	1.651	2.158	-30.7#	100	0.00
28 T	Methyl tert-Butyl Ether	1.316	1.475	-12.1	91	0.00
29 T	Chloroform	2.412	3.073	-27.4	98	0.00
30 T	Cyclohexane	1.481	1.743	-17.7	89	-0.01
31 T	cis-1,2-Dichloroethene	1.685	2.002	-18.8	91	0.00
32 T	1,1,1-Trichloroethane	2.396	3.112	-29.9	99	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
34 T	2-Butanone	0.831	0.955	-14.9	90	0.00
35 T	Carbon Tetrachloride	0.777	1.034	-33.1#	100	0.00
36 T	Benzene	1.160	1.381	-19.1	89	0.00
37 T	1,2-Dichloroethane	0.609	0.802	-31.7#	100	0.00
38 T	Trichloroethene	0.458	0.560	-22.3	93	0.00
39 T	1,2-Dichloropropane	0.413	0.473	-14.5	86	-0.01
40 T	1,4-Dioxane	0.208	0.223	-7.2	84	-0.01
41 T	Tetrahydrofuran	0.488	0.532	-9.0	83	-0.01
42 T	Bromodichloromethane	0.836	1.083	-29.5	95	-0.01
43	Methyl Methacrylate	0.475	0.537	-13.1	84	-0.01
44 T	2,2,4-Trimethylpentane	1.960	2.251	-14.8	87	-0.02
45 T	t-1,3-Dichloropropene	0.486	0.537	-10.5	79	-0.02
46 T	cis-1,3-Dichloropropene	0.624	0.698	-11.9	81	-0.02
47 T	1,1,2-Trichloroethane	0.434	0.517	-19.1	92	-0.02
48 T	Dibromochloromethane	0.658	0.864	-31.3#	93	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.575	0.713	-24.0	87	0.00
50 T	4-Methyl-2-Pentanone	1.186	1.347	-13.6	86	-0.03
51 T	2-Hexanone	0.976	1.084	-11.1	84	-0.01
52 T	Tetrachloroethene	0.444	0.474	-6.8	88	0.00
53 T	Toluene	1.380	1.586	-14.9	86	-0.02
54 T	1,2-Dibromoethane	0.590	0.722	-22.4	91	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
56	1,1,1,2-Tetrachloroethane	0.596	0.753	-26.3	96	0.00
57 T	Chlorobenzene	1.115	1.339	-20.1	91	0.00
58 T	Ethyl Benzene	2.056	2.463	-19.8	90	-0.01
59 T	m/p-Xylene	1.625	1.981	-21.9	92	0.00
60 T	o-Xylene	1.621	1.953	-20.5	92	0.00
61 T	Styrene	0.809	0.931	-15.1	84	-0.01
62	Isopropylbenzene	2.440	2.964	-21.5	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.973	1.146	-17.8	90	0.00
64	n-propylbenzene	0.636	0.743	-16.8	90	0.00
65	tert-Butylbenzene	2.208	2.664	-20.7	95	0.00
66 T	Benzyl Chloride	0.229	0.187	18.3	60	0.00
67	sec-Butylbenzene	3.043	3.623	-19.1	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.802	0.824	-2.7	71	0.00
69	p-Isopropyltoluene	2.597	3.080	-18.6	92	0.00
70	n-Butylbenzene	2.606	3.019	-15.8	91	0.00
71	2-Chlorotoluene	1.889	2.214	-17.2	90	0.00
72 T	4-Ethyltoluene	1.987	2.394	-20.5	91	0.00
73 T	1,3,5-Trimethylbenzene	1.687	2.037	-20.7	92	0.00
74 T	1,2,4-Trimethylbenzene	1.833	2.184	-19.1	94	0.00
75 T	1,3-Dichlorobenzene	1.099	1.241	-12.9	89	0.00
76 T	1,4-Dichlorobenzene	1.088	1.241	-14.1	89	0.00
77 T	1,2-Dichlorobenzene	1.039	1.204	-15.9	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.893	0.868	2.8	84	0.00
79 T	Naphthalene	1.974	1.871	5.2	82	0.00
80 T	Naphthalene,2-methyl-	1.065	0.660	38.0#	60	0.00
81 T	1,2,4-Trichlorobenzene	0.940	0.876	6.8	80	0.00

(#) = Out of Range

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