

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042115.D
 Acq On : 10 Mar 2025 09:08
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 11 01:20:35 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	102	0.00
2 T	Dichlorodifluoromethane	1.040	1.070	-2.9	116	0.00
3	Chlorodifluoromethane	1.453	1.300	10.5	102	0.00
4	Chloromethane	0.385	0.403	-4.7	120	0.00
5 T	Vinyl Chloride	0.364	0.383	-5.2	117	0.00
6 T	Bromomethane	0.173	0.189	-9.2	121	0.00
7	Chloroethane	0.148	0.155	-4.7	118	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.904	-5.7	119	0.00
9 T	Propene	0.592	0.514	13.2	101	0.00
10 T	Heptane	1.844	1.519	17.6	94	0.00
11 T	Trichlorofluoromethane	1.042	1.130	-8.4	123	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.819	1.4	120	0.00
13	Ethanol	0.038	0.028#	26.3	144	0.00
14 T	Bromoethene	0.293	0.300	-2.4	117	0.00
15 T	Acetone	0.883	0.868	1.7	124	0.00
16 T	1,3-Butadiene	0.411	0.422	-2.7	121	0.00
17	tert-Butyl alcohol	1.105	0.968	12.4	104	0.00
18 T	1,1-Dichloroethene	0.376	0.364	3.2	117	0.00
19 T	Isopropyl Alcohol	0.507	0.489	3.6	120	0.00
20 T	Methylene Chloride	0.334	0.333	0.3	131	0.00
21 T	Allyl Chloride	0.638	0.625	2.0	119	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.436	0.5	125	0.00
23 T	Vinyl Acetate	0.621	0.457	26.4	90	0.00
24 T	1,1-Dichloroethane	0.815	0.843	-3.4	129	0.00
25 T	Ethyl Acetate	3.535	3.053	13.6	99	0.00
26 T	Hexane	1.429	1.213	15.1	97	0.00
27 T	Carbon Disulfide	0.969	0.976	-0.7	117	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.754	-6.0	148	0.00
29 T	Chloroform	1.923	1.687	12.3	100	0.00
30 T	Cyclohexane	1.160	0.936	19.3	89	0.00
31 T	cis-1,2-Dichloroethene	1.353	1.052	22.2	87	0.00
32 T	1,1,1-Trichloroethane	1.866	1.485	20.4	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.779	0.714	8.3	96	0.00
35 T	Carbon Tetrachloride	0.690	0.671	2.8	95	0.00
36 T	Benzene	1.047	0.951	9.2	91	0.00
37 T	1,2-Dichloroethane	0.580	0.503	13.3	90	0.00
38 T	Trichloroethene	0.427	0.360	15.7	88	0.00
39 T	1,2-Dichloropropane	0.397	0.366	7.8	95	0.00
40 T	1,4-Dioxane	0.181	0.169	6.6	96	0.00
41 T	Tetrahydrofuran	0.460	0.409	11.1	91	0.00
42 T	Bromodichloromethane	0.782	0.718	8.2	90	0.00
43	Methyl Methacrylate	0.409	0.336	17.8	80	0.00
44 T	2,2,4-Trimethylpentane	1.848	1.713	7.3	95	0.00
45 T	t-1,3-Dichloropropene	0.406	0.307	24.4	72	0.00
46 T	cis-1,3-Dichloropropene	0.526	0.430	18.3	77	0.00
47 T	1,1,2-Trichloroethane	0.403	0.369	8.4	95	0.00
48 T	Dibromochloromethane	0.632	0.569	10.0	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.516	6.0	91	0.00
50 T	4-Methyl-2-Pentanone	1.008	0.978	3.0	90	0.00
51 T	2-Hexanone	0.693	0.777	-12.1	87	0.00
52 T	Tetrachloroethene	0.358	0.306	14.5	87	0.00
53 T	Toluene	1.170	0.989	15.5	84	0.00
54 T	1,2-Dibromoethane	0.545	0.483	11.4	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.565	0.539	4.6	98	0.00
57 T	Chlorobenzene	1.037	0.962	7.2	97	0.00
58 T	Ethyl Benzene	1.842	1.602	13.0	87	0.00
59 T	m/p-Xylene	1.466	1.356	7.5	93	0.01
60 T	o-Xylene	1.473	1.360	7.7	95	0.00
61 T	Styrene	0.693	0.595	14.1	83	0.00
62	Isopropylbenzene	2.207	2.030	8.0	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.970	0.955	1.5	103	0.00
64	n-propylbenzene	0.579	0.547	5.5	96	0.00
65	tert-Butylbenzene	2.008	1.829	8.9	97	0.00
66 T	Benzyl Chloride	0.153	0.126	17.6	75	0.00
67	sec-Butylbenzene	2.872	2.623	8.7	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.815	-6.0	98	0.00
69	p-Isopropyltoluene	2.285	2.169	5.1	98	0.00
70	n-Butylbenzene	2.332	2.216	5.0	98	0.00
71	2-Chlorotoluene	1.701	1.503	11.6	91	0.00
72 T	4-Ethyltoluene	1.799	1.651	8.2	93	0.00
73 T	1,3,5-Trimethylbenzene	1.560	1.401	10.2	93	0.00
74 T	1,2,4-Trimethylbenzene	1.757	1.604	8.7	100	0.00
75 T	1,3-Dichlorobenzene	1.011	0.949	6.1	100	0.00
76 T	1,4-Dichlorobenzene	1.004	0.938	6.6	100	0.00
77 T	1,2-Dichlorobenzene	0.981	0.940	4.2	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.764	0.645	15.6	93	0.00
79 T	Naphthalene	1.205	1.371	-13.8	92	0.00
80 T	Naphthalene,2-methyl-	0.330	0.431	-30.6#	70	0.00
81 T	1,2,4-Trichlorobenzene	0.671	0.625	6.9	89	0.00

(#) = Out of Range

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