

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042093.D
 Acq On : 04 Mar 2025 09:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 09:29:25 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	104	-0.01
2 T	Dichlorodifluoromethane	1.040	1.181	-13.6	130	0.00
3	Chlorodifluoromethane	1.453	1.393	4.1	111	0.00
4	Chloromethane	0.385	0.402	-4.4	122	0.00
5 T	Vinyl Chloride	0.364	0.391	-7.4	121	0.00
6 T	Bromomethane	0.173	0.161	6.9	104	0.00
7	Chloroethane	0.148	0.152	-2.7	117	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.918	-7.4	123	0.00
9 T	Propene	0.592	0.586	1.0	117	0.00
10 T	Heptane	1.844	1.748	5.2	110	-0.03
11 T	Trichlorofluoromethane	1.042	1.166	-11.9	129	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.850	-2.3	127	0.00
13	Ethanol	0.038	0.013#	65.8#	69	0.00
14 T	Bromoethene	0.293	0.313	-6.8	124	0.00
15 T	Acetone	0.883	0.852	3.5	124	0.00
16 T	1,3-Butadiene	0.411	0.418	-1.7	122	0.00
17	tert-Butyl alcohol	1.105	0.998	9.7	109	0.00
18 T	1,1-Dichloroethene	0.376	0.368	2.1	120	0.00
19 T	Isopropyl Alcohol	0.507	0.495	2.4	123	0.00
20 T	Methylene Chloride	0.334	0.319	4.5	128	0.00
21 T	Allyl Chloride	0.638	0.650	-1.9	126	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.412	5.9	120	0.00
23 T	Vinyl Acetate	0.621	0.656	-5.6	131	0.00
24 T	1,1-Dichloroethane	0.815	0.833	-2.2	130	0.00
25 T	Ethyl Acetate	3.535	3.273	7.4	107	-0.02
26 T	Hexane	1.429	1.319	7.7	107	-0.01
27 T	Carbon Disulfide	0.969	0.968	0.1	118	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.585	17.7	117	0.00
29 T	Chloroform	1.923	1.805	6.1	109	-0.01
30 T	Cyclohexane	1.160	1.029	11.3	100	-0.02
31 T	cis-1,2-Dichloroethene	1.353	1.244	8.1	105	0.00
32 T	1,1,1-Trichloroethane	1.866	1.664	10.8	98	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.02
34 T	2-Butanone	0.779	0.862	-10.7	112	-0.01
35 T	Carbon Tetrachloride	0.690	0.750	-8.7	103	-0.02
36 T	Benzene	1.047	1.091	-4.2	102	-0.02
37 T	1,2-Dichloroethane	0.580	0.612	-5.5	106	-0.02
38 T	Trichloroethene	0.427	0.582	-36.3#	139	-0.02
39 T	1,2-Dichloropropane	0.397	0.418	-5.3	106	-0.03
40 T	1,4-Dioxane	0.181	0.186	-2.8	103	-0.02
41 T	Tetrahydrofuran	0.460	0.493	-7.2	106	-0.02
42 T	Bromodichloromethane	0.782	0.827	-5.8	101	-0.02
43	Methyl Methacrylate	0.409	0.413	-1.0	95	-0.02
44 T	2,2,4-Trimethylpentane	1.848	1.945	-5.2	105	-0.02
45 T	t-1,3-Dichloropropene	0.406	0.315	22.4	72	-0.03
46 T	cis-1,3-Dichloropropene	0.526	0.469	10.8	82	-0.03
47 T	1,1,2-Trichloroethane	0.403	0.417	-3.5	104	-0.03
48 T	Dibromochloromethane	0.632	0.653	-3.3	99	-0.03

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49 T	Bromoform	0.549	0.558	-1.6	96	-0.02
50 T	4-Methyl-2-Pentanone	1.008	1.201	-19.1	107	-0.03
51 T	2-Hexanone	0.693	0.940	-35.6#	102	-0.03
52 T	Tetrachloroethene	0.358	0.344	3.9	95	-0.02
53 T	Toluene	1.170	1.168	0.2	97	-0.03
54 T	1,2-Dibromoethane	0.545	0.543	0.4	98	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	-0.02
56	1,1,1,2-Tetrachloroethane	0.565	0.583	-3.2	101	-0.02
57 T	Chlorobenzene	1.037	1.067	-2.9	102	-0.02
58 T	Ethyl Benzene	1.842	1.876	-1.8	97	-0.02
59 T	m/p-Xylene	1.466	1.533	-4.6	101	0.00
60 T	o-Xylene	1.473	1.565	-6.2	104	-0.02
61 T	Styrene	0.693	0.702	-1.3	93	-0.02
62	Isopropylbenzene	2.207	2.264	-2.6	100	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.970	0.540	44.3#	56	-0.02
64	n-propylbenzene	0.579	0.605	-4.5	101	-0.02
65	tert-Butylbenzene	2.008	2.002	0.3	101	-0.01
66 T	Benzyl Chloride	0.153	0.062	59.5#	36	-0.01
67	sec-Butylbenzene	2.872	2.836	1.3	100	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.769	0.794	-3.3	91	-0.02
69	p-Isopropyltoluene	2.285	2.306	-0.9	100	-0.01
70	n-Butylbenzene	2.332	2.329	0.1	98	-0.01
71	2-Chlorotoluene	1.701	1.656	2.6	95	-0.02
72 T	4-Ethyltoluene	1.799	1.845	-2.6	99	-0.02
73 T	1,3,5-Trimethylbenzene	1.560	1.571	-0.7	99	-0.01
74 T	1,2,4-Trimethylbenzene	1.757	1.724	1.9	102	-0.01
75 T	1,3-Dichlorobenzene	1.011	0.984	2.7	99	-0.02
76 T	1,4-Dichlorobenzene	1.004	0.956	4.8	97	-0.01
77 T	1,2-Dichlorobenzene	0.981	0.959	2.2	100	-0.01
78 T	Hexachloro-1,3-Butadiene	0.764	0.665	13.0	91	-0.01
79 T	Naphthalene	1.205	1.292	-7.2	82	0.00
80 T	Naphthalene,2-methyl-	0.330	0.574	-73.9#	89	0.00
81 T	1,2,4-Trichlorobenzene	0.671	0.615	8.3	83	-0.01

(#) = Out of Range

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