

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042075.D
 Acq On : 03 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 00:16:36 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	108	-0.02
2 T	Dichlorodifluoromethane	1.040	1.021	1.8	116	0.00
3	Chlorodifluoromethane	1.453	1.323	8.9	109	0.00
4	Chloromethane	0.385	0.353	8.3	111	0.00
5 T	Vinyl Chloride	0.364	0.348	4.4	111	0.00
6 T	Bromomethane	0.173	0.174	-0.6	117	0.00
7	Chloroethane	0.148	0.139	6.1	111	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.831	2.8	115	0.00
9 T	Propene	0.592	0.549	7.3	113	0.00
10 T	Heptane	1.844	1.646	10.7	107	-0.04
11 T	Trichlorofluoromethane	1.042	1.082	-3.8	123	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.821	1.2	127	0.00
13	Ethanol	0.038	0.019#	50.0#	106	0.00
14 T	Bromoethene	0.293	0.280	4.4	114	0.00
15 T	Acetone	0.883	0.773	12.5	116	0.00
16 T	1,3-Butadiene	0.411	0.375	8.8	113	0.00
17	tert-Butyl alcohol	1.105	1.009	8.7	114	-0.01
18 T	1,1-Dichloroethene	0.376	0.362	3.7	122	-0.01
19 T	Isopropyl Alcohol	0.507	0.460	9.3	118	0.00
20 T	Methylene Chloride	0.334	0.306	8.4	126	0.00
21 T	Allyl Chloride	0.638	0.622	2.5	124	-0.01
22 T	trans-1,2-Dichloroethene	0.438	0.419	4.3	126	-0.01
23 T	Vinyl Acetate	0.621	0.519	16.4	107	-0.01
24 T	1,1-Dichloroethane	0.815	0.788	3.3	127	-0.01
25 T	Ethyl Acetate	3.535	3.248	8.1	110	-0.02
26 T	Hexane	1.429	1.250	12.5	105	-0.02
27 T	Carbon Disulfide	0.969	0.960	0.9	121	-0.01
28 T	Methyl tert-Butyl Ether	0.711	0.591	16.9	122	-0.01
29 T	Chloroform	1.923	1.697	11.8	106	-0.02
30 T	Cyclohexane	1.160	0.983	15.3	98	-0.02
31 T	cis-1,2-Dichloroethene	1.353	1.208	10.7	105	-0.02
32 T	1,1,1-Trichloroethane	1.866	1.590	14.8	97	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.03
34 T	2-Butanone	0.779	0.793	-1.8	111	-0.02
35 T	Carbon Tetrachloride	0.690	0.687	0.4	102	-0.03
36 T	Benzene	1.047	1.003	4.2	100	-0.02
37 T	1,2-Dichloroethane	0.580	0.575	0.9	107	-0.02
38 T	Trichloroethene	0.427	0.378	11.5	97	-0.03
39 T	1,2-Dichloropropane	0.397	0.388	2.3	105	-0.03
40 T	1,4-Dioxane	0.181	0.170	6.1	100	-0.03
41 T	Tetrahydrofuran	0.460	0.463	-0.7	107	-0.02
42 T	Bromodichloromethane	0.782	0.770	1.5	101	-0.03
43	Methyl Methacrylate	0.409	0.392	4.2	97	-0.04
44 T	2,2,4-Trimethylpentane	1.848	1.787	3.3	104	-0.03
45 T	t-1,3-Dichloropropene	0.406	0.367	9.6	90	-0.04
46 T	cis-1,3-Dichloropropene	0.526	0.492	6.5	92	-0.04
47 T	1,1,2-Trichloroethane	0.403	0.380	5.7	102	-0.04
48 T	Dibromochloromethane	0.632	0.597	5.5	97	-0.03

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49 T	Bromoform	0.549	0.525	4.4	97	-0.03
50 T	4-Methyl-2-Pentanone	1.008	1.102	-9.3	105	-0.05
51 T	2-Hexanone	0.693	0.889	-28.3	103	-0.04
52 T	Tetrachloroethene	0.358	0.330	7.8	98	-0.03
53 T	Toluene	1.170	1.096	6.3	98	-0.03
54 T	1,2-Dibromoethane	0.545	0.507	7.0	98	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.03
56	1,1,1,2-Tetrachloroethane	0.565	0.532	5.8	99	-0.03
57 T	Chlorobenzene	1.037	0.983	5.2	101	-0.02
58 T	Ethyl Benzene	1.842	1.764	4.2	97	-0.02
59 T	m/p-Xylene	1.466	1.426	2.7	100	0.00
60 T	o-Xylene	1.473	1.425	3.3	101	-0.02
61 T	Styrene	0.693	0.685	1.2	97	-0.02
62	Isopropylbenzene	2.207	2.119	4.0	101	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.970	0.936	3.5	103	-0.02
64	n-propylbenzene	0.579	0.557	3.8	99	-0.02
65	tert-Butylbenzene	2.008	1.871	6.8	101	-0.02
66 T	Benzyl Chloride	0.153	0.126	17.6	77	-0.02
67	sec-Butylbenzene	2.872	2.731	4.9	103	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.769	0.781	-1.6	96	-0.02
69	p-Isopropyltoluene	2.285	2.209	3.3	102	-0.02
70	n-Butylbenzene	2.332	2.294	1.6	104	-0.02
71	2-Chlorotoluene	1.701	1.623	4.6	100	-0.02
72 T	4-Ethyltoluene	1.799	1.735	3.6	100	-0.02
73 T	1,3,5-Trimethylbenzene	1.560	1.474	5.5	100	-0.02
74 T	1,2,4-Trimethylbenzene	1.757	1.627	7.4	104	-0.02
75 T	1,3-Dichlorobenzene	1.011	0.951	5.9	102	-0.02
76 T	1,4-Dichlorobenzene	1.004	0.955	4.9	104	-0.02
77 T	1,2-Dichlorobenzene	0.981	0.939	4.3	105	-0.02
78 T	Hexachloro-1,3-Butadiene	0.764	0.673	11.9	99	-0.02
79 T	Naphthalene	1.205	1.484	-23.2	101	-0.02
80 T	Naphthalene,2-methyl-	0.330	0.552	-67.3#	92	-0.02
81 T	1,2,4-Trichlorobenzene	0.671	0.679	-1.2	99	-0.02

(#) = Out of Range

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