

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041845.D
 Acq On : 07 Jan 2025 14:10
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL010725

Quant Time: Jan 08 03:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 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	95	0.00
2 T	Dichlorodifluoromethane	1.641	1.549	5.6	99	0.00
3	Chlorodifluoromethane	1.568	1.502	4.2	102	0.00
4	Chloromethane	0.675	0.651	3.6	101	0.00
5 T	Vinyl Chloride	0.681	0.605	11.2	102	0.00
6 T	Bromomethane	0.292	0.266	8.9	96	0.00
7	Chloroethane	0.262	0.241	8.0	102	0.00
8 T	Dichlorotetrafluoroethane	1.416	1.351	4.6	99	0.00
9 T	Propene	0.546	0.542	0.7	104	0.00
10 T	Heptane	1.348	1.590	-18.0	99	0.00
11 T	Trichlorofluoromethane	1.668	1.576	5.5	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.243	1.191	4.2	100	0.00
13	Ethanol	0.072	0.041#	43.1#	106	0.00
14 T	Bromoethene	0.407	0.393	3.4	98	0.00
15 T	Acetone	1.841	1.462	20.6	102	0.00
16 T	1,3-Butadiene	0.722	0.686	5.0	102	0.00
17	tert-Butyl alcohol	1.595	1.569	1.6	102	0.00
18 T	1,1-Dichloroethene	0.520	0.501	3.7	100	0.00
19 T	Isopropyl Alcohol	0.864	0.750	13.2	103	0.00
20 T	Methylene Chloride	0.526	0.447	15.0	101	0.00
21 T	Allyl Chloride	0.948	0.959	-1.2	100	0.00
22 T	trans-1,2-Dichloroethene	0.581	0.555	4.5	100	0.00
23 T	Vinyl Acetate	0.573	0.540	5.8	97	0.00
24 T	1,1-Dichloroethane	1.273	1.218	4.3	100	0.00
25 T	Ethyl Acetate	3.087	3.315	-7.4	102	0.00
26 T	Hexane	1.072	1.203	-12.2	101	0.00
27 T	Carbon Disulfide	1.017	1.140	-12.1	101	0.00
28 T	Methyl tert-Butyl Ether	0.808	0.841	-4.1	106	0.00
29 T	Chloroform	1.991	1.898	4.7	101	0.00
30 T	Cyclohexane	0.813	0.959	-18.0	102	0.00
31 T	cis-1,2-Dichloroethene	1.103	1.147	-4.0	101	0.00
32 T	1,1,1-Trichloroethane	1.804	1.781	1.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.788	0.817	-3.7	103	0.00
35 T	Carbon Tetrachloride	0.756	0.787	-4.1	98	0.00
36 T	Benzene	0.955	1.025	-7.3	101	0.00
37 T	1,2-Dichloroethane	0.628	0.632	-0.6	98	0.00
38 T	Trichloroethene	0.367	0.385	-4.9	101	0.00
39 T	1,2-Dichloropropane	0.370	0.375	-1.4	100	0.00
40 T	1,4-Dioxane	0.143	0.167	-16.8	103	0.00
41 T	Tetrahydrofuran	0.371	0.443	-19.4	103	0.00
42 T	Bromodichloromethane	0.737	0.803	-9.0	100	0.00
43	Methyl Methacrylate	0.300	0.368	-22.7	101	0.00
44 T	2,2,4-Trimethylpentane	1.574	1.841	-17.0	101	0.00
45 T	t-1,3-Dichloropropene	0.293	0.322	-9.9	97	0.01
46 T	cis-1,3-Dichloropropene	0.386	0.448	-16.1	98	0.00
47 T	1,1,2-Trichloroethane	0.390	0.389	0.3	98	0.00
48 T	Dibromochloromethane	0.498	0.573	-15.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.399	0.477	-19.5	100	0.00
50 T	4-Methyl-2-Pentanone	0.911	1.141	-25.2	103	0.00
51 T	2-Hexanone	0.689	0.906	-31.5#	101	0.00
52 T	Tetrachloroethene	0.283	0.314	-11.0	100	0.00
53 T	Toluene	0.850	1.053	-23.9	99	0.00
54 T	1,2-Dibromoethane	0.479	0.515	-7.5	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.570	0.592	-3.9	102	0.00
57 T	Chlorobenzene	1.045	1.028	1.6	98	0.00
58 T	Ethyl Benzene	1.363	1.767	-29.6	100	0.00
59 T	m/p-Xylene	1.201	1.523	-26.8	100	0.00
60 T	o-Xylene	1.170	1.510	-29.1	99	0.00
61 T	Styrene	0.454	0.610	-34.4#	100	0.00
62	Isopropylbenzene	1.839	2.246	-22.1	99	0.00
63 T	1,1,2,2-Tetrachloroethane	1.026	1.006	1.9	99	0.00
64	n-propylbenzene	0.472	0.584	-23.7	99	0.00
65	tert-Butylbenzene	1.657	2.057	-24.1	101	0.00
66 T	Benzyl Chloride	0.139	0.141	-1.4	92	0.00
67	sec-Butylbenzene	2.417	2.905	-20.2	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.856	0.879	-2.7	91	0.00
69	p-Isopropyltoluene	1.898	2.356	-24.1	97	0.00
70	n-Butylbenzene	1.907	2.331	-22.2	97	0.00
71	2-Chlorotoluene	1.335	1.649	-23.5	98	0.00
72 T	4-Ethyltoluene	1.415	1.789	-26.4	97	0.00
73 T	1,3,5-Trimethylbenzene	1.239	1.557	-25.7	98	0.00
74 T	1,2,4-Trimethylbenzene	1.436	1.734	-20.8	98	0.00
75 T	1,3-Dichlorobenzene	0.961	0.969	-0.8	95	0.00
76 T	1,4-Dichlorobenzene	0.925	0.969	-4.8	96	0.00
77 T	1,2-Dichlorobenzene	1.001	0.964	3.7	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.711	0.617	13.2	95	0.00
79 T	Naphthalene	1.058	1.310	-23.8	91	0.00
80 T	Naphthalene,2-methyl-	0.391	0.374	4.3	87	0.00
81 T	1,2,4-Trichlorobenzene	0.586	0.605	-3.2	95	0.00

(#) = Out of Range

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