

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041956.D
 Acq On : 27 Jan 2025 17:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 28 02:40:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 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	94	0.00
2 T	Dichlorodifluoromethane	1.362	1.443	-5.9	105	0.00
3	Chlorodifluoromethane	1.427	1.512	-6.0	107	0.00
4	Chloromethane	0.512	0.557	-8.8	107	0.00
5 T	Vinyl Chloride	0.519	0.530	-2.1	107	0.00
6 T	Bromomethane	0.247	0.258	-4.5	106	0.00
7	Chloroethane	0.202	0.223	-10.4	109	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.245	-4.6	107	0.00
9 T	Propene	0.588	0.579	1.5	96	0.00
10 T	Heptane	1.571	1.780	-13.3	109	0.00
11 T	Trichlorofluoromethane	1.417	1.499	-5.8	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.179	-6.2	105	0.00
13	Ethanol	0.043	0.029#	32.6#	101	0.00
14 T	Bromoethene	0.407	0.410	-0.7	104	0.00
15 T	Acetone	1.201	1.162	3.2	110	0.00
16 T	1,3-Butadiene	0.539	0.559	-3.7	107	0.00
17	tert-Butyl alcohol	1.478	1.395	5.6	94	0.00
18 T	1,1-Dichloroethene	0.501	0.515	-2.8	106	0.00
19 T	Isopropyl Alcohol	0.712	0.654	8.1	99	0.00
20 T	Methylene Chloride	0.475	0.435	8.4	105	0.00
21 T	Allyl Chloride	0.832	0.883	-6.1	105	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.576	-1.9	100	0.00
23 T	Vinyl Acetate	0.595	0.444	25.4	78	0.00
24 T	1,1-Dichloroethane	1.093	1.153	-5.5	107	0.00
25 T	Ethyl Acetate	3.239	3.559	-9.9	108	0.00
26 T	Hexane	1.281	1.406	-9.8	105	0.00
27 T	Carbon Disulfide	1.268	1.382	-9.0	103	0.00
28 T	Methyl tert-Butyl Ether	0.979	0.764	22.0	93	0.00
29 T	Chloroform	2.025	2.221	-9.7	109	0.00
30 T	Cyclohexane	1.111	1.159	-4.3	101	0.00
31 T	cis-1,2-Dichloroethene	1.349	1.334	1.1	99	0.00
32 T	1,1,1-Trichloroethane	1.938	2.057	-6.1	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.636	0.717	-12.7	106	0.00
35 T	Carbon Tetrachloride	0.628	0.760	-21.0	104	0.00
36 T	Benzene	0.917	1.034	-12.8	104	0.00
37 T	1,2-Dichloroethane	0.515	0.585	-13.6	105	0.00
38 T	Trichloroethene	0.364	0.415	-14.0	104	0.00
39 T	1,2-Dichloropropane	0.322	0.365	-13.4	106	0.00
40 T	1,4-Dioxane	0.162	0.171	-5.6	103	0.00
41 T	Tetrahydrofuran	0.346	0.403	-16.5	103	0.00
42 T	Bromodichloromethane	0.691	0.797	-15.3	104	0.00
43	Methyl Methacrylate	0.341	0.372	-9.1	98	0.00
44 T	2,2,4-Trimethylpentane	1.484	1.757	-18.4	107	0.00
45 T	t-1,3-Dichloropropene	0.319	0.343	-7.5	90	0.00
46 T	cis-1,3-Dichloropropene	0.419	0.458	-9.3	91	0.00
47 T	1,1,2-Trichloroethane	0.341	0.413	-21.1	110	0.00
48 T	Dibromochloromethane	0.526	0.623	-18.4	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.520	-20.4	100	0.00
50 T	4-Methyl-2-Pentanone	0.868	1.028	-18.4	110	0.00
51 T	2-Hexanone	0.667	0.812	-21.7	111	0.00
52 T	Tetrachloroethene	0.318	0.339	-6.6	103	0.00
53 T	Toluene	0.999	1.153	-15.4	101	0.00
54 T	1,2-Dibromoethane	0.469	0.548	-16.8	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.499	0.610	-22.2	110	0.00
57 T	Chlorobenzene	0.922	1.103	-19.6	113	0.00
58 T	Ethyl Benzene	1.563	1.878	-20.2	105	0.00
59 T	m/p-Xylene	1.253	1.588	-26.7	113	-0.02
60 T	o-Xylene	1.243	1.571	-26.4	112	0.00
61 T	Styrene	0.558	0.695	-24.6	103	0.00
62	Isopropylbenzene	1.924	2.334	-21.3	110	0.00
63 T	1,1,2,2-Tetrachloroethane	0.795	0.980	-23.3	114	0.00
64	n-propylbenzene	0.486	0.614	-26.3	114	0.00
65	tert-Butylbenzene	1.753	2.090	-19.2	109	0.00
66 T	Benzyl Chloride	0.109	0.119	-9.2	90	0.00
67	sec-Butylbenzene	2.414	2.926	-21.2	111	0.00
68 S	1-Bromo-4-Fluorobenzene	0.788	0.806	-2.3	90	0.00
69	p-Isopropyltoluene	1.988	2.397	-20.6	108	0.00
70	n-Butylbenzene	1.972	2.361	-19.7	108	0.00
71	2-Chlorotoluene	1.423	1.722	-21.0	108	0.00
72 T	4-Ethyltoluene	1.487	1.911	-28.5	113	0.00
73 T	1,3,5-Trimethylbenzene	1.313	1.615	-23.0	111	0.00
74 T	1,2,4-Trimethylbenzene	1.422	1.758	-23.6	114	0.00
75 T	1,3-Dichlorobenzene	0.843	1.023	-21.4	115	0.00
76 T	1,4-Dichlorobenzene	0.825	1.007	-22.1	114	0.00
77 T	1,2-Dichlorobenzene	0.835	0.991	-18.7	114	0.00
78 T	Hexachloro-1,3-Butadiene	0.686	0.619	9.8	92	0.00
79 T	Naphthalene	1.432	1.443	-0.8	100	0.00
80 T	Naphthalene,2-methyl-	0.679	0.529	22.1	99	0.00
81 T	1,2,4-Trichlorobenzene	0.699	0.628	10.2	91	0.00

(#) = Out of Range

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