

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040225\
 Data File : VL042211.D
 Acq On : 02 Apr 2025 08:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 03 01:41:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 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	86	0.00
2 T	Dichlorodifluoromethane	1.476	1.658	-12.3	102	0.00
3	Chlorodifluoromethane	1.508	1.669	-10.7	99	0.00
4	Chloromethane	0.603	0.654	-8.5	98	0.00
5 T	Vinyl Chloride	0.639	0.614	3.9	96	0.00
6 T	Bromomethane	0.273	0.284	-4.0	95	0.00
7	Chloroethane	0.242	0.244	-0.8	92	0.00
8 T	Dichlorotetrafluoroethane	1.257	1.388	-10.4	99	0.00
9 T	Propene	0.691	0.653	5.5	85	0.00
10 T	Heptane	1.839	1.888	-2.7	91	-0.02
11 T	Trichlorofluoromethane	1.437	1.606	-11.8	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.181	1.226	-3.8	94	0.00
13	Ethanol	0.065	0.034#	47.7#	102	0.00
14 T	Bromoethene	0.452	0.459	-1.5	95	0.00
15 T	Acetone	1.399	1.348	3.6	105	0.00
16 T	1,3-Butadiene	0.683	0.653	4.4	98	0.00
17	tert-Butyl alcohol	1.742	1.737	0.3	93	0.00
18 T	1,1-Dichloroethene	0.552	0.563	-2.0	96	0.00
19 T	Isopropyl Alcohol	0.789	0.784	0.6	96	0.00
20 T	Methylene Chloride	0.521	0.509	2.3	100	0.00
21 T	Allyl Chloride	0.986	0.994	-0.8	95	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.632	0.9	92	0.00
23 T	Vinyl Acetate	0.605	0.527	12.9	91	0.00
24 T	1,1-Dichloroethane	1.183	1.249	-5.6	96	0.00
25 T	Ethyl Acetate	3.630	3.888	-7.1	97	0.00
26 T	Hexane	1.402	1.536	-9.6	99	0.00
27 T	Carbon Disulfide	1.503	1.523	-1.3	91	0.00
28 T	Methyl tert-Butyl Ether	0.873	0.848	2.9	88	0.00
29 T	Chloroform	2.052	2.361	-15.1	105	0.00
30 T	Cyclohexane	1.217	1.269	-4.3	94	-0.01
31 T	cis-1,2-Dichloroethene	1.423	1.534	-7.8	96	0.00
32 T	1,1,1-Trichloroethane	2.349	2.502	-6.5	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	-0.02
34 T	2-Butanone	0.725	0.770	-6.2	97	0.00
35 T	Carbon Tetrachloride	0.781	0.885	-13.3	106	-0.02
36 T	Benzene	0.991	1.051	-6.1	95	-0.01
37 T	1,2-Dichloroethane	0.568	0.668	-17.6	105	0.00
38 T	Trichloroethene	0.414	0.433	-4.6	98	-0.02
39 T	1,2-Dichloropropane	0.361	0.385	-6.6	97	-0.02
40 T	1,4-Dioxane	0.192	0.190	1.0	95	-0.02
41 T	Tetrahydrofuran	0.418	0.437	-4.5	93	0.00
42 T	Bromodichloromethane	0.782	0.905	-15.7	99	-0.01
43	Methyl Methacrylate	0.420	0.418	0.5	88	-0.01
44 T	2,2,4-Trimethylpentane	1.675	1.777	-6.1	93	-0.02
45 T	t-1,3-Dichloropropene	0.450	0.463	-2.9	89	-0.02
46 T	cis-1,3-Dichloropropene	0.552	0.571	-3.4	88	-0.02
47 T	1,1,2-Trichloroethane	0.382	0.422	-10.5	98	-0.02
48 T	Dibromochloromethane	0.647	0.745	-15.1	99	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.581	0.640	-10.2	93	0.00
50 T	4-Methyl-2-Pentanone	1.149	1.099	4.4	90	-0.02
51 T	2-Hexanone	0.944	0.874	7.4	87	-0.02
52 T	Tetrachloroethene	0.393	0.384	2.3	94	-0.01
53 T	Toluene	1.175	1.230	-4.7	92	-0.02
54 T	1,2-Dibromoethane	0.532	0.595	-11.8	99	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	-0.01
56	1,1,1,2-Tetrachloroethane	0.550	0.629	-14.4	100	0.00
57 T	Chlorobenzene	0.949	1.061	-11.8	98	-0.01
58 T	Ethyl Benzene	1.776	1.919	-8.1	93	-0.01
59 T	m/p-Xylene	1.418	1.563	-10.2	96	-0.01
60 T	o-Xylene	1.422	1.571	-10.5	96	-0.01
61 T	Styrene	0.703	0.755	-7.4	89	0.00
62	Isopropylbenzene	2.126	2.365	-11.2	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.864	0.951	-10.1	97	-0.01
64	n-propylbenzene	0.547	0.613	-12.1	99	0.00
65	tert-Butylbenzene	1.966	2.129	-8.3	99	0.00
66 T	Benzyl Chloride	0.209	0.181	13.4	72	0.00
67	sec-Butylbenzene	2.733	2.964	-8.5	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.830	-1.1	83	0.00
69	p-Isopropyltoluene	2.354	2.584	-9.8	101	0.00
70	n-Butylbenzene	2.407	2.685	-11.5	102	0.00
71	2-Chlorotoluene	1.650	1.824	-10.5	96	0.00
72 T	4-Ethyltoluene	1.770	1.968	-11.2	98	0.00
73 T	1,3,5-Trimethylbenzene	1.546	1.706	-10.3	100	0.00
74 T	1,2,4-Trimethylbenzene	1.781	1.861	-4.5	100	0.00
75 T	1,3-Dichlorobenzene	0.977	1.091	-11.7	100	0.00
76 T	1,4-Dichlorobenzene	0.972	1.094	-12.6	100	0.00
77 T	1,2-Dichlorobenzene	0.951	1.077	-13.2	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.968	0.918	5.2	93	0.00
79 T	Naphthalene	1.948	2.232	-14.6	100	0.00
80 T	Naphthalene,2-methyl-	0.955	1.142	-19.6	93	0.00
81 T	1,2,4-Trichlorobenzene	0.899	0.995	-10.7	94	0.00

(#) = Out of Range

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