

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042300.D
 Acq On : 10 Apr 2025 09:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 11 01:54:45 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	95	0.00
2 T	Dichlorodifluoromethane	1.476	1.441	2.4	98	0.00
3	Chlorodifluoromethane	1.508	1.590	-5.4	104	0.00
4	Chloromethane	0.603	0.599	0.7	100	0.00
5 T	Vinyl Chloride	0.639	0.538	15.8	93	0.00
6 T	Bromomethane	0.273	0.259	5.1	96	0.00
7	Chloroethane	0.242	0.225	7.0	95	0.00
8 T	Dichlorotetrafluoroethane	1.257	1.225	2.5	96	0.00
9 T	Propene	0.691	0.613	11.3	89	0.00
10 T	Heptane	1.839	1.818	1.1	97	0.00
11 T	Trichlorofluoromethane	1.437	1.390	3.3	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.181	1.137	3.7	97	0.00
13	Ethanol	0.065	0.028#	56.9#	93	0.00
14 T	Bromoethene	0.452	0.400	11.5	91	0.00
15 T	Acetone	1.399	1.254	10.4	107	0.00
16 T	1,3-Butadiene	0.683	0.613	10.2	102	0.00
17	tert-Butyl alcohol	1.742	1.409	19.1	83	0.00
18 T	1,1-Dichloroethene	0.552	0.476	13.8	90	0.00
19 T	Isopropyl Alcohol	0.789	0.680	13.8	92	0.00
20 T	Methylene Chloride	0.521	0.440	15.5	96	0.00
21 T	Allyl Chloride	0.986	0.899	8.8	95	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.566	11.3	91	0.00
23 T	Vinyl Acetate	0.605	0.488	19.3	94	0.00
24 T	1,1-Dichloroethane	1.183	1.164	1.6	99	0.00
25 T	Ethyl Acetate	3.630	3.641	-0.3	100	0.00
26 T	Hexane	1.402	1.362	2.9	97	0.00
27 T	Carbon Disulfide	1.503	1.385	7.9	92	0.00
28 T	Methyl tert-Butyl Ether	0.873	0.694	20.5	80	0.00
29 T	Chloroform	2.052	2.156	-5.1	106	0.00
30 T	Cyclohexane	1.217	1.095	10.0	90	0.00
31 T	cis-1,2-Dichloroethene	1.423	1.294	9.1	90	0.00
32 T	1,1,1-Trichloroethane	2.349	2.102	10.5	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.725	0.800	-10.3	99	0.00
35 T	Carbon Tetrachloride	0.781	0.876	-12.2	103	0.00
36 T	Benzene	0.991	1.066	-7.6	94	0.00
37 T	1,2-Dichloroethane	0.568	0.640	-12.7	98	0.00
38 T	Trichloroethene	0.414	0.436	-5.3	96	0.00
39 T	1,2-Dichloropropane	0.361	0.395	-9.4	96	0.00
40 T	1,4-Dioxane	0.192	0.183	4.7	89	0.00
41 T	Tetrahydrofuran	0.418	0.454	-8.6	94	0.00
42 T	Bromodichloromethane	0.782	0.900	-15.1	96	0.00
43	Methyl Methacrylate	0.420	0.389	7.4	79	0.00
44 T	2,2,4-Trimethylpentane	1.675	1.905	-13.7	97	0.00
45 T	t-1,3-Dichloropropene	0.450	0.368	18.2	69	0.00
46 T	cis-1,3-Dichloropropene	0.552	0.495	10.3	74	0.00
47 T	1,1,2-Trichloroethane	0.382	0.435	-13.9	99	0.00
48 T	Dibromochloromethane	0.647	0.710	-9.7	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.581	0.637	-9.6	90	0.00
50 T	4-Methyl-2-Pentanone	1.149	1.132	1.5	91	0.00
51 T	2-Hexanone	0.944	0.892	5.5	87	0.00
52 T	Tetrachloroethene	0.393	0.363	7.6	87	0.00
53 T	Toluene	1.175	1.159	1.4	85	0.00
54 T	1,2-Dibromoethane	0.532	0.577	-8.5	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
56	1,1,1,2-Tetrachloroethane	0.550	0.690	-25.5	101	0.00
57 T	Chlorobenzene	0.949	1.158	-22.0	99	0.00
58 T	Ethyl Benzene	1.776	1.921	-8.2	86	0.00
59 T	m/p-Xylene	1.418	1.676	-18.2	95	0.00
60 T	o-Xylene	1.422	1.663	-16.9	94	0.00
61 T	Styrene	0.703	0.715	-1.7	78	0.00
62	Isopropylbenzene	2.126	2.484	-16.8	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.864	1.113	-28.8	104	0.00
64	n-propylbenzene	0.547	0.659	-20.5	99	0.00
65	tert-Butylbenzene	1.966	2.283	-16.1	98	0.00
66 T	Benzyl Chloride	0.209	0.172	17.7	63	0.00
67	sec-Butylbenzene	2.733	3.246	-18.8	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.814	0.9	75	0.00
69	p-Isopropyltoluene	2.354	2.787	-18.4	100	0.00
70	n-Butylbenzene	2.407	2.872	-19.3	100	0.00
71	2-Chlorotoluene	1.650	1.896	-14.9	92	0.00
72 T	4-Ethyltoluene	1.770	2.081	-17.6	95	0.00
73 T	1,3,5-Trimethylbenzene	1.546	1.796	-16.2	97	0.00
74 T	1,2,4-Trimethylbenzene	1.781	2.046	-14.9	101	0.00
75 T	1,3-Dichlorobenzene	0.977	1.247	-27.6	106	0.00
76 T	1,4-Dichlorobenzene	0.972	1.231	-26.6	104	0.00
77 T	1,2-Dichlorobenzene	0.951	1.235	-29.9	109	0.00
78 T	Hexachloro-1,3-Butadiene	0.968	0.974	-0.6	91	0.00
79 T	Naphthalene	1.948	2.344	-20.3	97	0.00
80 T	Naphthalene,2-methyl-	0.955	1.086	-13.7	82	0.00
81 T	1,2,4-Trichlorobenzene	0.899	1.037	-15.4	90	0.00

(#) = Out of Range

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