

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042228.D
 Acq On : 07 Apr 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 08 01:50:24 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	102	0.02
2 T	Dichlorodifluoromethane	1.476	1.435	2.8	104	0.00
3	Chlorodifluoromethane	1.508	1.438	4.6	100	0.00
4	Chloromethane	0.603	0.582	3.5	104	0.00
5 T	Vinyl Chloride	0.639	0.535	16.3	99	0.00
6 T	Bromomethane	0.273	0.251	8.1	100	0.00
7	Chloroethane	0.242	0.217	10.3	97	0.00
8 T	Dichlorotetrafluoroethane	1.257	1.211	3.7	102	0.00
9 T	Propene	0.691	0.543	21.4	84	0.00
10 T	Heptane	1.839	1.613	12.3	92	0.04
11 T	Trichlorofluoromethane	1.437	1.374	4.4	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.181	1.102	6.7	100	0.01
13	Ethanol	0.065	0.033#	49.2#	116	0.00
14 T	Bromoethene	0.452	0.383	15.3	94	0.00
15 T	Acetone	1.399	1.206	13.8	110	0.00
16 T	1,3-Butadiene	0.683	0.575	15.8	102	0.00
17	tert-Butyl alcohol	1.742	1.479	15.1	93	0.01
18 T	1,1-Dichloroethene	0.552	0.495	10.3	100	0.01
19 T	Isopropyl Alcohol	0.789	0.694	12.0	101	0.00
20 T	Methylene Chloride	0.521	0.422	19.0	98	0.00
21 T	Allyl Chloride	0.986	0.882	10.5	100	0.01
22 T	trans-1,2-Dichloroethene	0.638	0.555	13.0	96	0.01
23 T	Vinyl Acetate	0.605	0.514	15.0	105	0.01
24 T	1,1-Dichloroethane	1.183	1.103	6.8	100	0.01
25 T	Ethyl Acetate	3.630	3.319	8.6	98	0.02
26 T	Hexane	1.402	1.268	9.6	97	0.02
27 T	Carbon Disulfide	1.503	1.376	8.4	98	0.01
28 T	Methyl tert-Butyl Ether	0.873	0.763	12.6	94	0.01
29 T	Chloroform	2.052	2.088	-1.8	110	0.02
30 T	Cyclohexane	1.217	1.073	11.8	94	0.02
31 T	cis-1,2-Dichloroethene	1.423	1.293	9.1	96	0.02
32 T	1,1,1-Trichloroethane	2.349	2.152	8.4	106	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.03
34 T	2-Butanone	0.725	0.698	3.7	99	0.02
35 T	Carbon Tetrachloride	0.781	0.829	-6.1	111	0.02
36 T	Benzene	0.991	0.955	3.6	96	0.02
37 T	1,2-Dichloroethane	0.568	0.611	-7.6	107	0.02
38 T	Trichloroethene	0.414	0.393	5.1	99	0.03
39 T	1,2-Dichloropropane	0.361	0.342	5.3	96	0.03
40 T	1,4-Dioxane	0.192	0.169	12.0	94	0.03
41 T	Tetrahydrofuran	0.418	0.388	7.2	92	0.02
42 T	Bromodichloromethane	0.782	0.839	-7.3	103	0.03
43	Methyl Methacrylate	0.420	0.361	14.0	85	0.04
44 T	2,2,4-Trimethylpentane	1.675	1.606	4.1	94	0.03
45 T	t-1,3-Dichloropropene	0.450	0.393	12.7	84	0.04
46 T	cis-1,3-Dichloropropene	0.552	0.491	11.1	84	0.04
47 T	1,1,2-Trichloroethane	0.382	0.391	-2.4	101	0.04
48 T	Dibromochloromethane	0.647	0.675	-4.3	100	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.581	0.577	0.7	93	0.02
50 T	4-Methyl-2-Pentanone	1.149	0.996	13.3	91	0.04
51 T	2-Hexanone	0.944	0.802	15.0	90	0.03
52 T	Tetrachloroethene	0.393	0.327	16.8	90	0.03
53 T	Toluene	1.175	1.091	7.1	91	0.03
54 T	1,2-Dibromoethane	0.532	0.540	-1.5	100	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.03
56	1,1,1,2-Tetrachloroethane	0.550	0.590	-7.3	103	0.03
57 T	Chlorobenzene	0.949	0.983	-3.6	101	0.02
58 T	Ethyl Benzene	1.776	1.756	1.1	94	0.02
59 T	m/p-Xylene	1.418	1.468	-3.5	99	0.02
60 T	o-Xylene	1.422	1.462	-2.8	98	0.02
61 T	Styrene	0.703	0.678	3.6	89	0.02
62	Isopropylbenzene	2.126	2.183	-2.7	99	0.02
63 T	1,1,2,2-Tetrachloroethane	0.864	0.920	-6.5	103	0.02
64	n-propylbenzene	0.547	0.571	-4.4	102	0.02
65	tert-Butylbenzene	1.966	2.000	-1.7	103	0.02
66 T	Benzyl Chloride	0.209	0.155	25.8	69	0.02
67	sec-Butylbenzene	2.733	2.796	-2.3	104	0.02
68 S	1-Bromo-4-Fluorobenzene	0.821	0.819	0.2	90	0.02
69	p-Isopropyltoluene	2.354	2.430	-3.2	105	0.02
70	n-Butylbenzene	2.407	2.510	-4.3	105	0.02
71	2-Chlorotoluene	1.650	1.696	-2.8	99	0.02
72 T	4-Ethyltoluene	1.770	1.845	-4.2	101	0.02
73 T	1,3,5-Trimethylbenzene	1.546	1.583	-2.4	102	0.02
74 T	1,2,4-Trimethylbenzene	1.781	1.770	0.6	105	0.02
75 T	1,3-Dichlorobenzene	0.977	1.046	-7.1	106	0.02
76 T	1,4-Dichlorobenzene	0.972	1.052	-8.2	106	0.02
77 T	1,2-Dichlorobenzene	0.951	1.034	-8.7	109	0.02
78 T	Hexachloro-1,3-Butadiene	0.968	0.837	13.5	93	0.02
79 T	Naphthalene	1.948	2.060	-5.7	102	0.02
80 T	Naphthalene,2-methyl-	0.955	0.995	-4.2	90	0.02
81 T	1,2,4-Trichlorobenzene	0.899	0.888	1.2	92	0.02

(#) = Out of Range

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