

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042066.D
 Acq On : 27 Feb 2025 09:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 28 00:22:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 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	101	0.00
2 T	Dichlorodifluoromethane	1.040	1.067	-2.6	114	0.00
3	Chlorodifluoromethane	1.453	1.433	1.4	110	0.00
4	Chloromethane	0.385	0.379	1.6	112	0.00
5 T	Vinyl Chloride	0.364	0.376	-3.3	113	0.00
6 T	Bromomethane	0.173	0.181	-4.6	114	0.00
7	Chloroethane	0.148	0.147	0.7	110	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.855	0.0	111	0.00
9 T	Propene	0.592	0.561	5.2	109	0.00
10 T	Heptane	1.844	1.759	4.6	107	0.00
11 T	Trichlorofluoromethane	1.042	1.072	-2.9	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.772	7.1	112	0.00
13	Ethanol	0.038	0.020#	47.4#	104	0.00
14 T	Bromoethene	0.293	0.294	-0.3	113	0.00
15 T	Acetone	0.883	0.803	9.1	114	0.00
16 T	1,3-Butadiene	0.411	0.407	1.0	115	0.00
17	tert-Butyl alcohol	1.105	0.967	12.5	103	0.00
18 T	1,1-Dichloroethene	0.376	0.351	6.6	111	0.00
19 T	Isopropyl Alcohol	0.507	0.447	11.8	108	0.00
20 T	Methylene Chloride	0.334	0.285	14.7	110	0.00
21 T	Allyl Chloride	0.638	0.594	6.9	111	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.388	11.4	110	0.00
23 T	Vinyl Acetate	0.621	0.568	8.5	110	0.00
24 T	1,1-Dichloroethane	0.815	0.745	8.6	112	0.00
25 T	Ethyl Acetate	3.535	3.494	1.2	111	0.00
26 T	Hexane	1.429	1.333	6.7	105	0.00
27 T	Carbon Disulfide	0.969	0.922	4.9	109	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.805	-13.2	156#	0.00
29 T	Chloroform	1.923	1.816	5.6	107	0.00
30 T	Cyclohexane	1.160	1.052	9.3	99	0.00
31 T	cis-1,2-Dichloroethene	1.353	1.301	3.8	106	0.00
32 T	1,1,1-Trichloroethane	1.866	1.731	7.2	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.779	0.836	-7.3	112	0.00
35 T	Carbon Tetrachloride	0.690	0.717	-3.9	102	0.00
36 T	Benzene	1.047	1.059	-1.1	102	0.00
37 T	1,2-Dichloroethane	0.580	0.605	-4.3	108	0.00
38 T	Trichloroethene	0.427	0.396	7.3	97	0.00
39 T	1,2-Dichloropropane	0.397	0.399	-0.5	104	0.00
40 T	1,4-Dioxane	0.181	0.172	5.0	97	0.00
41 T	Tetrahydrofuran	0.460	0.478	-3.9	106	0.00
42 T	Bromodichloromethane	0.782	0.803	-2.7	101	0.00
43	Methyl Methacrylate	0.409	0.414	-1.2	98	0.00
44 T	2,2,4-Trimethylpentane	1.848	1.881	-1.8	105	0.00
45 T	t-1,3-Dichloropropene	0.406	0.403	0.7	95	0.00
46 T	cis-1,3-Dichloropropene	0.526	0.532	-1.1	96	0.00
47 T	1,1,2-Trichloroethane	0.403	0.393	2.5	101	0.00
48 T	Dibromochloromethane	0.632	0.617	2.4	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.536	2.4	95	0.00
50 T	4-Methyl-2-Pentanone	1.008	1.154	-14.5	106	0.00
51 T	2-Hexanone	0.693	0.931	-34.3#	104	0.00
52 T	Tetrachloroethene	0.358	0.338	5.6	96	0.00
53 T	Toluene	1.170	1.149	1.8	98	0.00
54 T	1,2-Dibromoethane	0.545	0.524	3.9	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.565	0.557	1.4	99	0.00
57 T	Chlorobenzene	1.037	1.025	1.2	101	0.00
58 T	Ethyl Benzene	1.842	1.855	-0.7	98	0.00
59 T	m/p-Xylene	1.466	1.486	-1.4	100	0.02
60 T	o-Xylene	1.473	1.478	-0.3	101	0.00
61 T	Styrene	0.693	0.704	-1.6	96	0.00
62	Isopropylbenzene	2.207	2.203	0.2	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.970	0.976	-0.6	103	0.00
64	n-propylbenzene	0.579	0.584	-0.9	100	0.00
65	tert-Butylbenzene	2.008	1.944	3.2	101	0.00
66 T	Benzyl Chloride	0.153	0.133	13.1	78	0.00
67	sec-Butylbenzene	2.872	2.826	1.6	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.795	-3.4	93	0.00
69	p-Isopropyltoluene	2.285	2.280	0.2	101	0.00
70	n-Butylbenzene	2.332	2.366	-1.5	103	0.00
71	2-Chlorotoluene	1.701	1.700	0.1	101	0.00
72 T	4-Ethyltoluene	1.799	1.820	-1.2	101	0.00
73 T	1,3,5-Trimethylbenzene	1.560	1.544	1.0	100	0.00
74 T	1,2,4-Trimethylbenzene	1.757	1.672	4.8	102	0.00
75 T	1,3-Dichlorobenzene	1.011	0.986	2.5	102	0.00
76 T	1,4-Dichlorobenzene	1.004	0.969	3.5	101	0.00
77 T	1,2-Dichlorobenzene	0.981	0.969	1.2	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.764	0.699	8.5	99	0.00
79 T	Naphthalene	1.205	1.549	-28.5	101	0.00
80 T	Naphthalene,2-methyl-	0.330	0.603	-82.7#	96	0.00
81 T	1,2,4-Trichlorobenzene	0.671	0.699	-4.2	97	0.00

(#) = Out of Range

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