

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042034.D
 Acq On : 21 Feb 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 21 21:49:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 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	98	-0.02
2 T	Dichlorodifluoromethane	1.721	1.582	8.1	95	0.00
3	Chlorodifluoromethane	1.903	2.204	-15.8	124	0.00
4	Chloromethane	0.669	0.615	8.1	95	0.00
5 T	Vinyl Chloride	0.800	0.586	26.8	91	0.00
6 T	Bromomethane	0.310	0.263	15.2	90	0.00
7	Chloroethane	0.261	0.236	9.6	93	0.00
8 T	Dichlorotetrafluoroethane	1.514	1.314	13.2	91	0.00
9 T	Propene	0.820	0.877	-7.0	113	0.00
10 T	Heptane	2.278	2.587	-13.6	122	-0.03
11 T	Trichlorofluoromethane	1.732	1.575	9.1	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.351	1.247	7.7	94	-0.01
13	Ethanol	0.093	0.043#	53.8#	118	0.00
14 T	Bromoethene	0.505	0.437	13.5	90	0.00
15 T	Acetone	1.651	1.316	20.3	97	0.00
16 T	1,3-Butadiene	0.783	0.637	18.6	92	0.00
17	tert-Butyl alcohol	2.042	1.719	15.8	90	0.00
18 T	1,1-Dichloroethene	0.646	0.537	16.9	90	0.00
19 T	Isopropyl Alcohol	0.926	0.774	16.4	92	0.00
20 T	Methylene Chloride	0.621	0.499	19.6	99	0.00
21 T	Allyl Chloride	1.195	1.036	13.3	97	0.00
22 T	trans-1,2-Dichloroethene	0.701	0.607	13.4	92	0.00
23 T	Vinyl Acetate	0.894	0.983	-10.0	121	-0.01
24 T	1,1-Dichloroethane	1.422	1.271	10.6	97	0.00
25 T	Ethyl Acetate	4.530	5.160	-13.9	122	-0.01
26 T	Hexane	1.818	2.169	-19.3	129	-0.02
27 T	Carbon Disulfide	1.710	1.567	8.4	94	0.00
28 T	Methyl tert-Butyl Ether	1.111	0.948	14.7	91	-0.01
29 T	Chloroform	2.633	2.831	-7.5	114	-0.02
30 T	Cyclohexane	1.475	1.701	-15.3	190#	-0.02
31 T	cis-1,2-Dichloroethene	1.797	2.017	-12.2	119	-0.01
32 T	1,1,1-Trichloroethane	2.920	2.904	0.5	111	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	-0.02
34 T	2-Butanone	0.860	1.190	-38.4#	125	-0.01
35 T	Carbon Tetrachloride	0.971	1.086	-11.8	105	-0.02
36 T	Benzene	1.211	1.583	-30.7#	114	-0.02
37 T	1,2-Dichloroethane	0.690	0.920	-33.3#	121	-0.02
38 T	Trichloroethene	0.492	0.559	-13.6	102	-0.02
39 T	1,2-Dichloropropane	0.444	0.595	-34.0#	120	-0.02
40 T	1,4-Dioxane	0.231	0.266	-15.2	109	-0.03
41 T	Tetrahydrofuran	0.492	0.698	-41.9#	124	-0.02
42 T	Bromodichloromethane	0.934	1.259	-34.8#	114	-0.03
43	Methyl Methacrylate	0.552	0.646	-17.0	111	-0.02
44 T	2,2,4-Trimethylpentane	2.056	2.795	-35.9#	118	-0.03
45 T	t-1,3-Dichloropropene	0.521	0.660	-26.7	111	-0.03
46 T	cis-1,3-Dichloropropene	0.661	0.843	-27.5	111	-0.03
47 T	1,1,2-Trichloroethane	0.467	0.582	-24.6	111	-0.03
48 T	Dibromochloromethane	0.783	0.939	-19.9	103	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.642	0.755	-17.6	98	-0.02
50 T	4-Methyl-2-Pentanone	1.322	1.711	-29.4	119	-0.04
51 T	2-Hexanone	1.081	1.399	-29.4	119	-0.03
52 T	Tetrachloroethene	0.423	0.448	-5.9	98	-0.02
53 T	Toluene	1.443	1.762	-22.1	107	-0.03
54 T	1,2-Dibromoethane	0.644	0.789	-22.5	108	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.716	0.758	-5.9	102	-0.02
57 T	Chlorobenzene	1.176	1.348	-14.6	105	-0.02
58 T	Ethyl Benzene	2.189	2.657	-21.4	107	-0.02
59 T	m/p-Xylene	1.724	2.061	-19.5	108	0.00
60 T	o-Xylene	1.743	2.029	-16.4	107	-0.02
61 T	Styrene	0.831	0.989	-19.0	106	-0.02
62	Isopropylbenzene	2.617	3.015	-15.2	104	-0.02
63 T	1,1,2,2-Tetrachloroethane	1.125	1.322	-17.5	116	-0.02
64	n-propylbenzene	0.643	0.738	-14.8	106	-0.02
65	tert-Butylbenzene	2.282	2.534	-11.0	103	-0.01
66 T	Benzyl Chloride	0.229	0.235	-2.6	90	-0.02
67	sec-Butylbenzene	3.205	3.684	-14.9	107	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.825	0.832	-0.8	83	-0.01
69	p-Isopropyltoluene	2.624	2.844	-8.4	101	-0.01
70	n-Butylbenzene	2.584	3.059	-18.4	110	0.00
71	2-Chlorotoluene	1.971	2.334	-18.4	108	-0.01
72 T	4-Ethyltoluene	2.043	2.386	-16.8	106	-0.01
73 T	1,3,5-Trimethylbenzene	1.762	2.016	-14.4	104	-0.02
74 T	1,2,4-Trimethylbenzene	1.891	2.117	-12.0	105	-0.02
75 T	1,3-Dichlorobenzene	1.018	1.142	-12.2	103	-0.02
76 T	1,4-Dichlorobenzene	0.993	1.128	-13.6	104	-0.01
77 T	1,2-Dichlorobenzene	0.973	1.082	-11.2	103	-0.01
78 T	Hexachloro-1,3-Butadiene	0.805	0.703	12.7	89	-0.01
79 T	Naphthalene	1.860	1.703	8.4	103	-0.01
80 T	Naphthalene,2-methyl-	0.842	0.560	33.5#	101	-0.01
81 T	1,2,4-Trichlorobenzene	0.756	0.719	4.9	94	-0.01

(#) = Out of Range

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