

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042073.D
 Acq On : 27 Feb 2025 14:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 28 00:27:36 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	100	0.00
2 T	Dichlorodifluoromethane	1.040	1.134	-9.0	121	0.00
3	Chlorodifluoromethane	1.453	1.458	-0.3	111	0.00
4	Chloromethane	0.385	0.384	0.3	112	0.00
5 T	Vinyl Chloride	0.364	0.369	-1.4	110	0.00
6 T	Bromomethane	0.173	0.184	-6.4	115	0.00
7	Chloroethane	0.148	0.146	1.4	108	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.890	-4.1	114	0.00
9 T	Propene	0.592	0.593	-0.2	114	0.00
10 T	Heptane	1.844	1.791	2.9	108	0.01
11 T	Trichlorofluoromethane	1.042	1.104	-6.0	117	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.801	3.6	115	0.00
13	Ethanol	0.038	0.019#	50.0#	96	0.00
14 T	Bromoethene	0.293	0.301	-2.7	114	0.00
15 T	Acetone	0.883	0.852	3.5	120	0.00
16 T	1,3-Butadiene	0.411	0.421	-2.4	118	0.00
17	tert-Butyl alcohol	1.105	0.992	10.2	105	0.00
18 T	1,1-Dichloroethene	0.376	0.347	7.7	109	0.00
19 T	Isopropyl Alcohol	0.507	0.482	4.9	115	0.00
20 T	Methylene Chloride	0.334	0.299	10.5	115	0.00
21 T	Allyl Chloride	0.638	0.605	5.2	113	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.435	0.7	122	0.00
23 T	Vinyl Acetate	0.621	0.475	23.5	92	0.00
24 T	1,1-Dichloroethane	0.815	0.831	-2.0	125	0.00
25 T	Ethyl Acetate	3.535	3.554	-0.5	112	0.00
26 T	Hexane	1.429	1.331	6.9	104	0.00
27 T	Carbon Disulfide	0.969	0.953	1.7	112	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.580	18.4	112	0.00
29 T	Chloroform	1.923	1.783	7.3	104	0.00
30 T	Cyclohexane	1.160	1.060	8.6	99	0.01
31 T	cis-1,2-Dichloroethene	1.353	1.293	4.4	105	0.00
32 T	1,1,1-Trichloroethane	1.866	1.697	9.1	96	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.01
34 T	2-Butanone	0.779	0.891	-14.4	115	0.00
35 T	Carbon Tetrachloride	0.690	0.734	-6.4	100	0.01
36 T	Benzene	1.047	1.084	-3.5	100	0.01
37 T	1,2-Dichloroethane	0.580	0.628	-8.3	108	0.00
38 T	Trichloroethene	0.427	0.406	4.9	96	0.02
39 T	1,2-Dichloropropane	0.397	0.415	-4.5	104	0.01
40 T	1,4-Dioxane	0.181	0.175	3.3	95	0.01
41 T	Tetrahydrofuran	0.460	0.503	-9.3	107	0.00
42 T	Bromodichloromethane	0.782	0.807	-3.2	98	0.02
43	Methyl Methacrylate	0.409	0.428	-4.6	98	0.01
44 T	2,2,4-Trimethylpentane	1.848	1.938	-4.9	104	0.02
45 T	t-1,3-Dichloropropene	0.406	0.399	1.7	91	0.02
46 T	cis-1,3-Dichloropropene	0.526	0.540	-2.7	93	0.02
47 T	1,1,2-Trichloroethane	0.403	0.408	-1.2	101	0.02
48 T	Dibromochloromethane	0.632	0.643	-1.7	97	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.562	-2.4	96	0.00
50 T	4-Methyl-2-Pentanone	1.008	1.222	-21.2	108	0.02
51 T	2-Hexanone	0.693	0.979	-41.3#	105	0.00
52 T	Tetrachloroethene	0.358	0.356	0.6	97	0.02
53 T	Toluene	1.170	1.165	0.4	96	0.02
54 T	1,2-Dibromoethane	0.545	0.547	-0.4	98	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.565	0.567	-0.4	100	0.01
57 T	Chlorobenzene	1.037	1.036	0.1	102	0.01
58 T	Ethyl Benzene	1.842	1.862	-1.1	98	0.01
59 T	m/p-Xylene	1.466	1.519	-3.6	102	0.03
60 T	o-Xylene	1.473	1.512	-2.6	103	0.01
61 T	Styrene	0.693	0.747	-7.8	101	0.01
62	Isopropylbenzene	2.207	2.250	-1.9	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.970	0.984	-1.4	104	0.01
64	n-propylbenzene	0.579	0.592	-2.2	101	0.00
65	tert-Butylbenzene	2.008	2.012	-0.2	104	0.00
66 T	Benzyl Chloride	0.153	0.131	14.4	77	0.00
67	sec-Butylbenzene	2.872	2.894	-0.8	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.798	-3.8	93	0.00
69	p-Isopropyltoluene	2.285	2.374	-3.9	105	0.00
70	n-Butylbenzene	2.332	2.484	-6.5	107	0.00
71	2-Chlorotoluene	1.701	1.717	-0.9	101	0.00
72 T	4-Ethyltoluene	1.799	1.857	-3.2	102	0.00
73 T	1,3,5-Trimethylbenzene	1.560	1.567	-0.4	101	0.00
74 T	1,2,4-Trimethylbenzene	1.757	1.729	1.6	105	0.00
75 T	1,3-Dichlorobenzene	1.011	1.015	-0.4	104	0.00
76 T	1,4-Dichlorobenzene	1.004	1.019	-1.5	106	0.01
77 T	1,2-Dichlorobenzene	0.981	0.994	-1.3	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.764	0.695	9.0	98	0.00
79 T	Naphthalene	1.205	1.585	-31.5#	103	0.00
80 T	Naphthalene,2-methyl-	0.330	0.555	-68.2#	88	0.00
81 T	1,2,4-Trichlorobenzene	0.671	0.718	-7.0	100	0.00

(#) = Out of Range

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