

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040277.D
 Acq On : 14 Mar 2023 9:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 14 09:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 14 04:52:39 2023
 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	96	0.02
2 T	Dichlorodifluoromethane	1.864	1.664	10.7	110	0.02
3	Chlorodifluoromethane	1.195	1.236	-3.4	109	0.02
4	Chloromethane	0.750	0.810	-8.0	115	0.02
5 T	Vinyl Chloride	0.603	0.681	-12.9	112	0.02
6 T	Bromomethane	0.218	0.214	1.8	101	0.02
7	Chloroethane	0.239	0.246	-2.9	110	0.02
8 T	Dichlorotetrafluoroethane	1.606	1.623	-1.1	107	0.02
9 T	Propene	0.487	0.554	-13.8	117	0.02
10 T	Heptane	1.159	1.340	-15.6	112	0.02
11 T	Trichlorofluoromethane	1.672	1.605	4.0	103	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.188	3.7	102	0.02
13	Ethanol	0.045	0.032#	28.9	97	0.03
14 T	Bromoethene	0.473	0.508	-7.4	106	0.02
15 T	Acetone	1.204	1.186	1.5	112	0.02
16 T	1,3-Butadiene	0.550	0.615	-11.8	110	0.02
17	tert-Butyl alcohol	1.098	1.230	-12.0	109	0.02
18 T	1,1-Dichloroethene	0.536	0.558	-4.1	109	0.02
19 T	Isopropyl Alcohol	0.572	0.567	0.9	105	0.02
20 T	Methylene Chloride	0.627	0.465	25.8	105	0.02
21 T	Allyl Chloride	0.738	0.848	-14.9	110	0.02
22 T	trans-1,2-Dichloroethene	0.555	0.587	-5.8	107	0.02
23 T	Vinyl Acetate	0.365	0.408	-11.8	107	0.02
24 T	1,1-Dichloroethane	1.142	1.199	-5.0	108	0.02
25 T	Ethyl Acetate	2.238	2.399	-7.2	109	0.02
26 T	Hexane	0.961	1.042	-8.4	114	0.02
27 T	Carbon Disulfide	1.219	1.402	-15.0	106	0.02
28 T	Methyl tert-Butyl Ether	1.029	1.127	-9.5	111	0.02
29 T	Chloroform	1.650	1.676	-1.6	106	0.02
30 T	Cyclohexane	0.754	0.890	-18.0	113	0.02
31 T	cis-1,2-Dichloroethene	0.913	0.928	-1.6	108	0.02
32 T	1,1,1-Trichloroethane	1.550	1.690	-9.0	107	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.02
34 T	2-Butanone	0.493	0.493	0.0	109	0.02
35 T	Carbon Tetrachloride	0.591	0.631	-6.8	105	0.03
36 T	Benzene	0.778	0.829	-6.6	113	0.02
37 T	1,2-Dichloroethane	0.487	0.475	2.5	105	0.02
38 T	Trichloroethene	0.429	0.474	-10.5	108	0.03
39 T	1,2-Dichloropropane	0.303	0.315	-4.0	113	0.03
40 T	1,4-Dioxane	0.121	0.115	5.0	102	0.03
41 T	Tetrahydrofuran	0.286	0.319	-11.5	113	0.02
42 T	Bromodichloromethane	0.672	0.683	-1.6	106	0.02
43	Methyl Methacrylate	0.288	0.327	-13.5	112	0.02
44 T	2,2,4-Trimethylpentane	1.299	1.355	-4.3	113	0.03
45 T	t-1,3-Dichloropropene	0.255	0.307	-20.4	107	0.03
46 T	cis-1,3-Dichloropropene	0.356	0.420	-18.0	109	0.02
47 T	1,1,2-Trichloroethane	0.327	0.337	-3.1	110	0.02
48 T	Dibromochloromethane	0.524	0.565	-7.8	106	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.441	-7.8	103	0.02
50 T	4-Methyl-2-Pentanone	0.766	0.828	-8.1	111	0.02
51 T	2-Hexanone	0.589	0.638	-8.3	109	0.02
52 T	Tetrachloroethene	0.243	0.270	-11.1	108	0.02
53 T	Toluene	0.834	0.934	-12.0	111	0.03
54 T	1,2-Dibromoethane	0.341	0.371	-8.8	107	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.02
56	1,1,1,2-Tetrachloroethane	0.420	0.428	-1.9	107	0.02
57 T	Chlorobenzene	0.731	0.744	-1.8	108	0.02
58 T	Ethyl Benzene	1.215	1.318	-8.5	108	0.03
59 T	m/p-Xylene	1.076	1.111	-3.3	106	0.02
60 T	o-Xylene	1.035	1.062	-2.6	105	0.03
61 T	Styrene	0.544	0.625	-14.9	107	0.02
62	Isopropylbenzene	1.486	1.500	-0.9	106	0.02
63 T	1,1,2,2-Tetrachloroethane	0.373	0.348	6.7	105	0.02
64	n-propylbenzene	0.368	0.386	-4.9	106	0.02
65	tert-Butylbenzene	1.292	1.289	0.2	104	0.02
66 T	Benzyl Chloride	0.086	0.083	3.5	97	0.03
67	sec-Butylbenzene	1.853	1.821	1.7	104	0.02
68 S	1-Bromo-4-Fluorobenzene	0.822	0.755	8.2	90	0.03
69	p-Isopropyltoluene	1.469	1.462	0.5	103	0.02
70	n-Butylbenzene	1.594	1.550	2.8	103	0.02
71	2-Chlorotoluene	1.137	1.139	-0.2	104	0.02
72 T	4-Ethyltoluene	1.145	1.190	-3.9	104	0.02
73 T	1,3,5-Trimethylbenzene	1.065	1.057	0.8	104	0.02
74 T	1,2,4-Trimethylbenzene	1.170	1.133	3.2	103	0.02
75 T	1,3-Dichlorobenzene	0.640	0.628	1.9	103	0.03
76 T	1,4-Dichlorobenzene	0.627	0.602	4.0	101	0.02
77 T	1,2-Dichlorobenzene	0.636	0.597	6.1	103	0.03
78 T	Hexachloro-1,3-Butadiene	0.437	0.411	5.9	111	0.03
79 T	Naphthalene	0.657	0.809	-23.1	105	0.02
80 T	Naphthalene,2-methyl-	0.187	0.197	-5.3	87	0.02
81 T	1,2,4-Trichlorobenzene	0.411	0.437	-6.3	108	0.03

(#) = Out of Range

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