

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040229.D
 Acq On : 27 Feb 2023 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 28 00:12:37 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 Feb 28 00:12:21 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	0.00
2 T	Dichlorodifluoromethane	1.864	1.353	27.4	89	0.00
3	Chlorodifluoromethane	1.195	1.199	-0.3	106	0.00
4	Chloromethane	0.750	0.771	-2.8	109	0.00
5 T	Vinyl Chloride	0.603	0.671	-11.3	110	0.00
6 T	Bromomethane	0.218	0.219	-0.5	103	0.00
7	Chloroethane	0.239	0.250	-4.6	112	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.599	0.4	105	0.00
9 T	Propene	0.487	0.520	-6.8	110	0.00
10 T	Heptane	1.159	1.257	-8.5	104	0.00
11 T	Trichlorofluoromethane	1.672	1.662	0.6	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.279	-3.6	109	0.00
13	Ethanol	0.045	0.033#	26.7	101	0.00
14 T	Bromoethene	0.473	0.499	-5.5	104	0.00
15 T	Acetone	1.204	1.136	5.6	107	0.00
16 T	1,3-Butadiene	0.550	0.591	-7.5	105	0.00
17	tert-Butyl alcohol	1.098	1.227	-11.7	108	0.00
18 T	1,1-Dichloroethene	0.536	0.571	-6.5	111	0.00
19 T	Isopropyl Alcohol	0.572	0.600	-4.9	111	0.00
20 T	Methylene Chloride	0.627	0.483	23.0	108	0.00
21 T	Allyl Chloride	0.738	0.822	-11.4	106	0.00
22 T	trans-1,2-Dichloroethene	0.555	0.600	-8.1	109	0.00
23 T	Vinyl Acetate	0.365	0.394	-7.9	103	0.00
24 T	1,1-Dichloroethane	1.142	1.178	-3.2	106	0.00
25 T	Ethyl Acetate	2.238	2.203	1.6	100	0.00
26 T	Hexane	0.961	0.939	2.3	102	0.00
27 T	Carbon Disulfide	1.219	1.448	-18.8	110	0.00
28 T	Methyl tert-Butyl Ether	1.029	1.100	-6.9	108	0.00
29 T	Chloroform	1.650	1.423	13.8	90	0.00
30 T	Cyclohexane	0.754	0.822	-9.0	104	0.00
31 T	cis-1,2-Dichloroethene	0.913	0.908	0.5	105	0.00
32 T	1,1,1-Trichloroethane	1.550	1.668	-7.6	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.493	0.479	2.8	105	0.00
35 T	Carbon Tetrachloride	0.591	0.629	-6.4	104	0.00
36 T	Benzene	0.778	0.775	0.4	104	0.00
37 T	1,2-Dichloroethane	0.487	0.476	2.3	105	0.00
38 T	Trichloroethene	0.429	0.451	-5.1	102	0.00
39 T	1,2-Dichloropropane	0.303	0.293	3.3	104	0.00
40 T	1,4-Dioxane	0.121	0.118	2.5	104	0.00
41 T	Tetrahydrofuran	0.286	0.295	-3.1	104	0.00
42 T	Bromodichloromethane	0.672	0.678	-0.9	105	0.00
43	Methyl Methacrylate	0.288	0.304	-5.6	103	0.00
44 T	2,2,4-Trimethylpentane	1.299	1.274	1.9	105	0.00
45 T	t-1,3-Dichloropropene	0.255	0.294	-15.3	102	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.392	-10.1	101	0.00
47 T	1,1,2-Trichloroethane	0.327	0.319	2.4	104	0.00
48 T	Dibromochloromethane	0.524	0.547	-4.4	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.432	-5.6	101	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.786	-2.6	104	0.00
51 T	2-Hexanone	0.589	0.608	-3.2	103	0.00
52 T	Tetrachloroethene	0.243	0.252	-3.7	100	0.00
53 T	Toluene	0.834	0.863	-3.5	102	0.00
54 T	1,2-Dibromoethane	0.341	0.350	-2.6	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.420	0.423	-0.7	103	0.00
57 T	Chlorobenzene	0.731	0.719	1.6	101	0.00
58 T	Ethyl Benzene	1.215	1.279	-5.3	102	0.00
59 T	m/p-Xylene	1.076	1.102	-2.4	102	0.00
60 T	o-Xylene	1.035	1.058	-2.2	102	0.00
61 T	Styrene	0.544	0.601	-10.5	99	0.00
62	Isopropylbenzene	1.486	1.477	0.6	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.350	6.2	102	0.00
64	n-propylbenzene	0.368	0.378	-2.7	101	0.00
65	tert-Butylbenzene	1.292	1.293	-0.1	101	0.00
66 T	Benzyl Chloride	0.086	0.085	1.2	97	0.00
67	sec-Butylbenzene	1.853	1.832	1.1	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.810	1.5	94	0.00
69	p-Isopropyltoluene	1.469	1.457	0.8	100	0.00
70	n-Butylbenzene	1.594	1.584	0.6	102	0.00
71	2-Chlorotoluene	1.137	1.143	-0.5	101	0.00
72 T	4-Ethyltoluene	1.145	1.173	-2.4	100	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.052	1.2	100	0.00
74 T	1,2,4-Trimethylbenzene	1.170	1.147	2.0	101	0.00
75 T	1,3-Dichlorobenzene	0.640	0.622	2.8	99	0.00
76 T	1,4-Dichlorobenzene	0.627	0.608	3.0	99	0.00
77 T	1,2-Dichlorobenzene	0.636	0.599	5.8	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.437	0.354	19.0	93	0.00
79 T	Naphthalene	0.657	0.663	-0.9	84	0.00
80 T	Naphthalene,2-methyl-	0.187	0.143	23.5	61	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.363	11.7	87	0.00

(#) = Out of Range

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