

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040181.D
 Acq On : 16 Feb 2023 15:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 17 03:31:02 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 : Wed Feb 15 17:01:01 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	92	0.00
2 T	Dichlorodifluoromethane	1.864	1.374	26.3	87	0.00
3	Chlorodifluoromethane	1.195	1.190	0.4	101	0.00
4	Chloromethane	0.750	0.770	-2.7	104	0.00
5 T	Vinyl Chloride	0.603	0.668	-10.8	105	0.00
6 T	Bromomethane	0.218	0.226	-3.7	102	0.00
7	Chloroethane	0.239	0.247	-3.3	106	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.604	0.1	101	0.00
9 T	Propene	0.487	0.518	-6.4	105	0.00
10 T	Heptane	1.159	1.254	-8.2	100	0.00
11 T	Trichlorofluoromethane	1.672	1.620	3.1	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.196	3.1	98	0.00
13	Ethanol	0.045	0.034#	24.4	98	0.00
14 T	Bromoethene	0.473	0.503	-6.3	101	0.00
15 T	Acetone	1.204	1.127	6.4	101	0.00
16 T	1,3-Butadiene	0.550	0.583	-6.0	100	0.00
17	tert-Butyl alcohol	1.098	1.170	-6.6	99	0.00
18 T	1,1-Dichloroethene	0.536	0.553	-3.2	103	0.00
19 T	Isopropyl Alcohol	0.572	0.561	1.9	100	0.00
20 T	Methylene Chloride	0.627	0.458	27.0	99	0.00
21 T	Allyl Chloride	0.738	0.815	-10.4	101	0.00
22 T	trans-1,2-Dichloroethene	0.555	0.569	-2.5	99	0.00
23 T	Vinyl Acetate	0.365	0.379	-3.8	95	0.00
24 T	1,1-Dichloroethane	1.142	1.140	0.2	98	0.00
25 T	Ethyl Acetate	2.238	2.362	-5.5	103	0.00
26 T	Hexane	0.961	0.997	-3.7	104	0.00
27 T	Carbon Disulfide	1.219	1.389	-13.9	101	0.00
28 T	Methyl tert-Butyl Ether	1.029	1.071	-4.1	101	0.00
29 T	Chloroform	1.650	1.696	-2.8	103	0.00
30 T	Cyclohexane	0.754	0.834	-10.6	102	0.00
31 T	cis-1,2-Dichloroethene	0.913	1.041	-14.0	116	0.00
32 T	1,1,1-Trichloroethane	1.550	1.681	-8.5	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.493	0.499	-1.2	98	0.00
35 T	Carbon Tetrachloride	0.591	0.680	-15.1	100	0.00
36 T	Benzene	0.778	0.845	-8.6	102	0.00
37 T	1,2-Dichloroethane	0.487	0.509	-4.5	100	0.00
38 T	Trichloroethene	0.429	0.495	-15.4	101	0.00
39 T	1,2-Dichloropropane	0.303	0.319	-5.3	101	0.00
40 T	1,4-Dioxane	0.121	0.127	-5.0	101	0.00
41 T	Tetrahydrofuran	0.286	0.327	-14.3	103	0.00
42 T	Bromodichloromethane	0.672	0.742	-10.4	103	0.00
43	Methyl Methacrylate	0.288	0.336	-16.7	102	0.00
44 T	2,2,4-Trimethylpentane	1.299	1.375	-5.9	102	0.00
45 T	t-1,3-Dichloropropene	0.255	0.326	-27.8	101	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.440	-23.6	102	0.00
47 T	1,1,2-Trichloroethane	0.327	0.350	-7.0	102	0.00
48 T	Dibromochloromethane	0.524	0.595	-13.5	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.478	-16.9	100	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.852	-11.2	101	0.00
51 T	2-Hexanone	0.589	0.671	-13.9	101	0.00
52 T	Tetrachloroethene	0.243	0.281	-15.6	100	0.00
53 T	Toluene	0.834	0.957	-14.7	101	0.00
54 T	1,2-Dibromoethane	0.341	0.392	-15.0	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.420	0.430	-2.4	100	0.00
57 T	Chlorobenzene	0.731	0.743	-1.6	100	0.00
58 T	Ethyl Benzene	1.215	1.323	-8.9	101	0.00
59 T	m/p-Xylene	1.076	1.131	-5.1	100	0.00
60 T	o-Xylene	1.035	1.082	-4.5	100	0.00
61 T	Styrene	0.544	0.639	-17.5	101	0.00
62	Isopropylbenzene	1.486	1.526	-2.7	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.357	4.3	100	0.00
64	n-propylbenzene	0.368	0.385	-4.6	98	0.00
65	tert-Butylbenzene	1.292	1.330	-2.9	100	0.01
66 T	Benzyl Chloride	0.086	0.093	-8.1	102	0.01
67	sec-Butylbenzene	1.853	1.886	-1.8	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.742	9.7	83	0.00
69	p-Isopropyltoluene	1.469	1.513	-3.0	99	0.00
70	n-Butylbenzene	1.594	1.635	-2.6	101	0.00
71	2-Chlorotoluene	1.137	1.190	-4.7	101	0.00
72 T	4-Ethyltoluene	1.145	1.241	-8.4	101	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.106	-3.8	101	0.00
74 T	1,2,4-Trimethylbenzene	1.170	1.190	-1.7	100	0.00
75 T	1,3-Dichlorobenzene	0.640	0.651	-1.7	100	0.00
76 T	1,4-Dichlorobenzene	0.627	0.635	-1.3	99	0.00
77 T	1,2-Dichlorobenzene	0.636	0.626	1.6	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.437	0.403	7.8	101	0.00
79 T	Naphthalene	0.657	0.840	-27.9	102	0.00
80 T	Naphthalene,2-methyl-	0.187	0.253	-35.3#	103	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.445	-8.3	102	0.00

(#) = Out of Range

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