

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040952.D
 Acq On : 22 Dec 2023 9:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 23 01:18:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 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	88	0.00
2 T	Dichlorodifluoromethane	1.905	1.857	2.5	96	0.00
3	Chlorodifluoromethane	1.505	1.485	1.3	98	0.00
4	Chloromethane	0.555	0.551	0.7	98	0.00
5 T	Vinyl Chloride	0.536	0.581	-8.4	102	0.00
6 T	Bromomethane	0.238	0.241	-1.3	95	0.00
7	Chloroethane	0.191	0.195	-2.1	99	0.00
8 T	Dichlorotetrafluoroethane	1.372	1.408	-2.6	100	0.00
9 T	Propene	0.497	0.521	-4.8	98	0.00
10 T	Heptane	1.234	1.295	-4.9	98	0.00
11 T	Trichlorofluoromethane	1.489	1.522	-2.2	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.156	1.097	5.1	98	0.00
13	Ethanol	0.125	0.118	5.6	101	0.00
14 T	Bromoethene	0.424	0.450	-6.1	101	0.00
15 T	Acetone	1.199	1.056	11.9	98	0.00
16 T	1,3-Butadiene	0.516	0.559	-8.3	101	0.00
17	tert-Butyl alcohol	0.887	0.895	-0.9	94	0.00
18 T	1,1-Dichloroethene	0.477	0.483	-1.3	100	0.00
19 T	Isopropyl Alcohol	0.626	0.666	-6.4	104	0.00
20 T	Methylene Chloride	0.428	0.402	6.1	98	0.00
21 T	Allyl Chloride	0.709	0.746	-5.2	100	0.00
22 T	trans-1,2-Dichloroethene	0.544	0.549	-0.9	89	0.00
23 T	Vinyl Acetate	1.323	1.546	-16.9	98	0.00
24 T	1,1-Dichloroethane	1.184	1.232	-4.1	96	0.00
25 T	Ethyl Acetate	2.078	2.196	-5.7	98	0.00
26 T	Hexane	0.921	0.954	-3.6	99	0.00
27 T	Carbon Disulfide	1.246	1.210	2.9	98	0.00
28 T	Methyl tert-Butyl Ether	0.855	0.911	-6.5	97	0.00
29 T	Chloroform	1.554	1.532	1.4	94	0.00
30 T	Cyclohexane	0.768	0.823	-7.2	99	0.00
31 T	cis-1,2-Dichloroethene	0.946	0.986	-4.2	96	0.00
32 T	1,1,1-Trichloroethane	1.503	1.539	-2.4	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.529	0.531	-0.4	96	0.00
35 T	Carbon Tetrachloride	0.626	0.629	-0.5	95	0.00
36 T	Benzene	0.782	0.786	-0.5	99	0.00
37 T	1,2-Dichloroethane	0.468	0.455	2.8	94	0.00
38 T	Trichloroethene	0.294	0.305	-3.7	102	0.00
39 T	1,2-Dichloropropane	0.307	0.305	0.7	98	0.00
40 T	1,4-Dioxane	0.130	0.123	5.4	99	0.00
41 T	Tetrahydrofuran	0.322	0.330	-2.5	99	0.00
42 T	Bromodichloromethane	0.676	0.660	2.4	95	0.00
43	Methyl Methacrylate	0.307	0.322	-4.9	97	0.00
44 T	2,2,4-Trimethylpentane	1.328	1.284	3.3	98	0.00
45 T	t-1,3-Dichloropropene	0.227	0.257	-13.2	95	0.00
46 T	cis-1,3-Dichloropropene	0.282	0.306	-8.5	98	0.00
47 T	1,1,2-Trichloroethane	0.326	0.329	-0.9	100	0.00
48 T	Dibromochloromethane	0.556	0.581	-4.5	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040952.D
 Acq On : 22 Dec 2023 9:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 23 01:18:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 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)
49 T	Bromoform	0.429	0.460	-7.2	98	0.00
50 T	4-Methyl-2-Pentanone	0.801	0.819	-2.2	98	0.00
51 T	2-Hexanone	0.577	0.602	-4.3	96	0.00
52 T	Tetrachloroethene	0.263	0.281	-6.8	103	0.00
53 T	Toluene	0.867	0.900	-3.8	100	0.00
54 T	1,2-Dibromoethane	0.447	0.485	-8.5	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.403	7.8	99	0.00
57 T	Chlorobenzene	0.736	0.687	6.7	103	0.00
58 T	Ethyl Benzene	1.284	1.178	8.3	99	0.00
59 T	m/p-Xylene	1.093	0.988	9.6	99	0.00
60 T	o-Xylene	1.029	0.933	9.3	98	0.00
61 T	Styrene	0.489	0.512	-4.7	102	0.00
62	Isopropylbenzene	1.527	1.409	7.7	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.742	0.683	8.0	99	0.00
64	n-propylbenzene	0.383	0.377	1.6	104	0.00
65	tert-Butylbenzene	1.298	1.235	4.9	102	0.00
66 T	Benzyl Chloride	0.089	0.102	-14.6	99	0.00
67	sec-Butylbenzene	1.886	1.737	7.9	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.663	10.0	90	0.00
69	p-Isopropyltoluene	1.466	1.422	3.0	102	0.00
70	n-Butylbenzene	1.522	1.456	4.3	100	0.00
71	2-Chlorotoluene	1.176	1.071	8.9	99	0.00
72 T	4-Ethyltoluene	1.130	1.124	0.5	102	0.00
73 T	1,3,5-Trimethylbenzene	0.975	0.951	2.5	100	0.00
74 T	1,2,4-Trimethylbenzene	1.085	1.041	4.1	100	0.00
75 T	1,3-Dichlorobenzene	0.620	0.608	1.9	103	0.00
76 T	1,4-Dichlorobenzene	0.606	0.598	1.3	104	0.00
77 T	1,2-Dichlorobenzene	0.597	0.590	1.2	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.367	0.315	14.2	103	0.00
79 T	Naphthalene	0.523	0.684	-30.8#	106	0.00
80 T	Naphthalene,2-methyl-	0.096	0.103	-7.3	101	0.00
81 T	1,2,4-Trichlorobenzene	0.300	0.338	-12.7	102	0.00

(#) = Out of Range

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