

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041993.D
 Acq On : 10 Feb 2025 17:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 11 01:27:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 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	87	-0.01
2 T	Dichlorodifluoromethane	1.362	1.413	-3.7	95	0.00
3	Chlorodifluoromethane	1.427	1.570	-10.0	103	0.00
4	Chloromethane	0.512	0.582	-13.7	103	0.00
5 T	Vinyl Chloride	0.519	0.561	-8.1	105	0.00
6 T	Bromomethane	0.247	0.259	-4.9	99	0.00
7	Chloroethane	0.202	0.224	-10.9	101	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.284	-7.9	102	0.00
9 T	Propene	0.588	0.641	-9.0	98	0.00
10 T	Heptane	1.571	1.864	-18.7	106	-0.03
11 T	Trichlorofluoromethane	1.417	1.513	-6.8	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.110	1.223	-10.2	101	0.00
13	Ethanol	0.043	0.034#	20.9	110	0.00
14 T	Bromoethene	0.407	0.420	-3.2	99	0.00
15 T	Acetone	1.201	1.251	-4.2	110	0.00
16 T	1,3-Butadiene	0.539	0.603	-11.9	106	0.00
17	tert-Butyl alcohol	1.478	1.504	-1.8	94	0.00
18 T	1,1-Dichloroethene	0.501	0.533	-6.4	101	0.00
19 T	Isopropyl Alcohol	0.712	0.727	-2.1	102	0.00
20 T	Methylene Chloride	0.475	0.462	2.7	103	0.00
21 T	Allyl Chloride	0.832	0.927	-11.4	102	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.621	-9.9	100	0.00
23 T	Vinyl Acetate	0.595	0.663	-11.4	107	0.00
24 T	1,1-Dichloroethane	1.093	1.218	-11.4	104	-0.01
25 T	Ethyl Acetate	3.239	3.811	-17.7	107	-0.01
26 T	Hexane	1.281	1.496	-16.8	103	-0.01
27 T	Carbon Disulfide	1.268	1.431	-12.9	99	0.00
28 T	Methyl tert-Butyl Ether	0.979	0.880	10.1	99	-0.01
29 T	Chloroform	2.025	2.261	-11.7	103	-0.01
30 T	Cyclohexane	1.111	1.261	-13.5	101	-0.02
31 T	cis-1,2-Dichloroethene	1.349	1.477	-9.5	101	-0.01
32 T	1,1,1-Trichloroethane	1.938	2.149	-10.9	98	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.02
34 T	2-Butanone	0.636	0.785	-23.4	108	-0.01
35 T	Carbon Tetrachloride	0.628	0.764	-21.7	98	-0.02
36 T	Benzene	0.917	1.083	-18.1	102	-0.02
37 T	1,2-Dichloroethane	0.515	0.600	-16.5	101	-0.02
38 T	Trichloroethene	0.364	0.429	-17.9	100	-0.02
39 T	1,2-Dichloropropane	0.322	0.382	-18.6	104	-0.03
40 T	1,4-Dioxane	0.162	0.180	-11.1	101	-0.03
41 T	Tetrahydrofuran	0.346	0.442	-27.7	105	-0.01
42 T	Bromodichloromethane	0.691	0.817	-18.2	99	-0.03
43	Methyl Methacrylate	0.341	0.404	-18.5	99	-0.02
44 T	2,2,4-Trimethylpentane	1.484	1.836	-23.7	104	-0.02
45 T	t-1,3-Dichloropropene	0.319	0.370	-16.0	91	-0.03
46 T	cis-1,3-Dichloropropene	0.419	0.497	-18.6	92	-0.03
47 T	1,1,2-Trichloroethane	0.341	0.419	-22.9	104	-0.03
48 T	Dibromochloromethane	0.526	0.655	-24.5	100	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.546	-26.4	98	-0.02
50 T	4-Methyl-2-Pentanone	0.868	1.052	-21.2	105	-0.03
51 T	2-Hexanone	0.667	0.810	-21.4	103	-0.02
52 T	Tetrachloroethene	0.318	0.355	-11.6	101	-0.02
53 T	Toluene	0.999	1.205	-20.6	99	-0.03
54 T	1,2-Dibromoethane	0.469	0.560	-19.4	102	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.499	0.611	-22.4	104	-0.02
57 T	Chlorobenzene	0.922	1.097	-19.0	106	-0.02
58 T	Ethyl Benzene	1.563	1.876	-20.0	99	-0.02
59 T	m/p-Xylene	1.253	1.525	-21.7	102	-0.02
60 T	o-Xylene	1.243	1.539	-23.8	103	-0.02
61 T	Styrene	0.558	0.697	-24.9	97	-0.02
62	Isopropylbenzene	1.924	2.286	-18.8	101	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.795	0.964	-21.3	105	-0.02
64	n-propylbenzene	0.486	0.587	-20.8	103	-0.02
65	tert-Butylbenzene	1.753	2.076	-18.4	102	-0.01
66 T	Benzyl Chloride	0.109	0.120	-10.1	85	-0.01
67	sec-Butylbenzene	2.414	2.900	-20.1	103	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.788	0.747	5.2	78	-0.02
69	p-Isopropyltoluene	1.988	2.375	-19.5	101	-0.01
70	n-Butylbenzene	1.972	2.325	-17.9	100	-0.02
71	2-Chlorotoluene	1.423	1.692	-18.9	100	-0.02
72 T	4-Ethyltoluene	1.487	1.823	-22.6	102	-0.02
73 T	1,3,5-Trimethylbenzene	1.313	1.565	-19.2	102	-0.02
74 T	1,2,4-Trimethylbenzene	1.422	1.695	-19.2	103	-0.02
75 T	1,3-Dichlorobenzene	0.843	0.994	-17.9	105	-0.02
76 T	1,4-Dichlorobenzene	0.825	0.966	-17.1	103	-0.02
77 T	1,2-Dichlorobenzene	0.835	0.969	-16.0	105	-0.02
78 T	Hexachloro-1,3-Butadiene	0.686	0.685	0.1	96	-0.02
79 T	Naphthalene	1.432	1.487	-3.8	97	-0.02
80 T	Naphthalene,2-methyl-	0.679	0.427	37.1#	76	-0.02
81 T	1,2,4-Trichlorobenzene	0.699	0.674	3.6	92	-0.01

(#) = Out of Range

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