

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
 Acq On : 11 Apr 2025 09:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 11 22:56:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 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	98	0.00
2 T	Dichlorodifluoromethane	1.476	1.441	2.4	101	0.00
3	Chlorodifluoromethane	1.508	1.568	-4.0	106	0.00
4	Chloromethane	0.603	0.609	-1.0	104	0.00
5 T	Vinyl Chloride	0.639	0.557	12.8	100	0.00
6 T	Bromomethane	0.273	0.234	14.3	90	0.00
7	Chloroethane	0.242	0.228	5.8	99	0.00
8 T	Dichlorotetrafluoroethane	1.257	1.222	2.8	99	0.00
9 T	Propene	0.691	0.641	7.2	95	0.00
10 T	Heptane	1.839	1.822	0.9	100	0.00
11 T	Trichlorofluoromethane	1.437	1.362	5.2	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.181	1.053	10.8	92	0.00
13	Ethanol	0.065	0.032#	50.8#	110	0.00
14 T	Bromoethene	0.452	0.399	11.7	94	0.00
15 T	Acetone	1.399	1.261	9.9	111	0.00
16 T	1,3-Butadiene	0.683	0.611	10.5	105	0.00
17	tert-Butyl alcohol	1.742	1.391	20.1	84	0.00
18 T	1,1-Dichloroethene	0.552	0.487	11.8	95	0.00
19 T	Isopropyl Alcohol	0.789	0.682	13.6	95	0.00
20 T	Methylene Chloride	0.521	0.419	19.6	94	0.00
21 T	Allyl Chloride	0.986	0.887	10.0	97	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.555	13.0	92	0.00
23 T	Vinyl Acetate	0.605	0.518	14.4	102	0.00
24 T	1,1-Dichloroethane	1.183	1.132	4.3	99	0.00
25 T	Ethyl Acetate	3.630	3.696	-1.8	105	0.00
26 T	Hexane	1.402	1.398	0.3	103	0.00
27 T	Carbon Disulfide	1.503	1.325	11.8	91	0.00
28 T	Methyl tert-Butyl Ether	0.873	0.703	19.5	83	0.00
29 T	Chloroform	2.052	2.143	-4.4	109	0.00
30 T	Cyclohexane	1.217	1.108	9.0	94	0.00
31 T	cis-1,2-Dichloroethene	1.423	1.346	5.4	96	0.00
32 T	1,1,1-Trichloroethane	2.349	2.070	11.9	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
34 T	2-Butanone	0.725	0.821	-13.2	105	0.00
35 T	Carbon Tetrachloride	0.781	0.841	-7.7	102	0.00
36 T	Benzene	0.991	1.092	-10.2	99	0.00
37 T	1,2-Dichloroethane	0.568	0.630	-10.9	100	0.00
38 T	Trichloroethene	0.414	0.438	-5.8	100	0.00
39 T	1,2-Dichloropropane	0.361	0.400	-10.8	101	0.00
40 T	1,4-Dioxane	0.192	0.178	7.3	89	0.00
41 T	Tetrahydrofuran	0.418	0.467	-11.7	100	0.00
42 T	Bromodichloromethane	0.782	0.891	-13.9	99	0.00
43	Methyl Methacrylate	0.420	0.398	5.2	84	0.01
44 T	2,2,4-Trimethylpentane	1.675	1.882	-12.4	100	0.00
45 T	t-1,3-Dichloropropene	0.450	0.381	15.3	74	0.02
46 T	cis-1,3-Dichloropropene	0.552	0.509	7.8	79	0.00
47 T	1,1,2-Trichloroethane	0.382	0.438	-14.7	102	0.00
48 T	Dibromochloromethane	0.647	0.718	-11.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.581	0.635	-9.3	93	0.00
50 T	4-Methyl-2-Pentanone	1.149	1.147	0.2	95	0.00
51 T	2-Hexanone	0.944	0.914	3.2	92	0.00
52 T	Tetrachloroethene	0.393	0.369	6.1	91	0.00
53 T	Toluene	1.175	1.181	-0.5	89	0.00
54 T	1,2-Dibromoethane	0.532	0.576	-8.3	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.550	0.676	-22.9	102	0.00
57 T	Chlorobenzene	0.949	1.148	-21.0	101	0.00
58 T	Ethyl Benzene	1.776	1.942	-9.3	90	0.00
59 T	m/p-Xylene	1.418	1.649	-16.3	96	0.00
60 T	o-Xylene	1.422	1.645	-15.7	96	0.00
61 T	Styrene	0.703	0.726	-3.3	82	0.00
62	Isopropylbenzene	2.126	2.463	-15.9	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.864	1.112	-28.7	108	0.00
64	n-propylbenzene	0.547	0.669	-22.3	104	0.00
65	tert-Butylbenzene	1.966	2.324	-18.2	103	0.00
66 T	Benzyl Chloride	0.209	0.171	18.2	65	0.00
67	sec-Butylbenzene	2.733	3.264	-19.4	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.793	3.4	75	0.00
69	p-Isopropyltoluene	2.354	2.758	-17.2	103	0.00
70	n-Butylbenzene	2.407	2.852	-18.5	103	0.00
71	2-Chlorotoluene	1.650	1.885	-14.2	95	0.00
72 T	4-Ethyltoluene	1.770	2.112	-19.3	100	0.00
73 T	1,3,5-Trimethylbenzene	1.546	1.819	-17.7	101	0.00
74 T	1,2,4-Trimethylbenzene	1.781	2.042	-14.7	104	0.00
75 T	1,3-Dichlorobenzene	0.977	1.227	-25.6	107	0.00
76 T	1,4-Dichlorobenzene	0.972	1.218	-25.3	106	0.00
77 T	1,2-Dichlorobenzene	0.951	1.233	-29.7	112	0.00
78 T	Hexachloro-1,3-Butadiene	0.968	0.929	4.0	90	0.00
79 T	Naphthalene	1.948	2.055	-5.5	88	0.00
80 T	Naphthalene,2-methyl-	0.955	0.689	27.9	54	0.00
81 T	1,2,4-Trichlorobenzene	0.899	0.934	-3.9	84	0.00

(#) = Out of Range

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