

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040071.D
 Acq On : 9 Jan 2023 11:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 09 21:17:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 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	105	0.00
2 T	Dichlorodifluoromethane	1.872	1.325	29.2	102	0.00
3	Chlorodifluoromethane	1.475	1.227	16.8	106	0.00
4	Chloromethane	0.924	0.811	12.2	109	0.00
5 T	Vinyl Chloride	0.748	0.674	9.9	106	0.00
6 T	Bromomethane	0.275	0.216	21.5	94	0.00
7	Chloroethane	0.282	0.252	10.6	111	0.00
8 T	Dichlorotetrafluoroethane	1.969	1.554	21.1	102	0.00
9 T	Propene	0.626	0.571	8.8	111	0.00
10 T	Heptane	1.528	1.374	10.1	107	0.00
11 T	Trichlorofluoromethane	2.034	1.601	21.3	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.540	1.221	20.7	98	0.00
13	Ethanol	0.059	0.051	13.6	110	0.00
14 T	Bromoethene	0.580	0.505	12.9	103	0.00
15 T	Acetone	1.547	1.226	20.7	107	0.00
16 T	1,3-Butadiene	0.672	0.628	6.5	109	0.00
17	tert-Butyl alcohol	1.525	1.316	13.7	106	0.00
18 T	1,1-Dichloroethene	0.671	0.554	17.4	100	0.00
19 T	Isopropyl Alcohol	0.762	0.657	13.8	103	0.00
20 T	Methylene Chloride	0.658	0.494	24.9	107	0.00
21 T	Allyl Chloride	0.930	0.916	1.5	115	0.00
22 T	trans-1,2-Dichloroethene	0.668	0.576	13.8	99	0.00
23 T	Vinyl Acetate	0.490	0.498	-1.6	115	0.00
24 T	1,1-Dichloroethane	1.440	1.199	16.7	104	0.00
25 T	Ethyl Acetate	2.679	2.277	15.0	106	0.00
26 T	Hexane	1.126	0.984	12.6	109	0.00
27 T	Carbon Disulfide	1.420	1.501	-5.7	110	0.00
28 T	Methyl tert-Butyl Ether	1.327	1.144	13.8	106	0.00
29 T	Chloroform	1.718	1.386	19.3	102	0.00
30 T	Cyclohexane	0.997	0.926	7.1	110	0.00
31 T	cis-1,2-Dichloroethene	1.072	0.936	12.7	102	0.00
32 T	1,1,1-Trichloroethane	1.840	1.667	9.4	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
34 T	2-Butanone	0.542	0.471	13.1	105	0.00
35 T	Carbon Tetrachloride	0.621	0.601	3.2	103	0.00
36 T	Benzene	0.893	0.782	12.4	106	0.00
37 T	1,2-Dichloroethane	0.524	0.434	17.2	100	0.00
38 T	Trichloroethene	0.459	0.450	2.0	105	0.00
39 T	1,2-Dichloropropane	0.335	0.297	11.3	106	0.00
40 T	1,4-Dioxane	0.151	0.128	15.2	104	0.00
41 T	Tetrahydrofuran	0.339	0.314	7.4	112	0.00
42 T	Bromodichloromethane	0.718	0.652	9.2	104	0.00
43	Methyl Methacrylate	0.335	0.315	6.0	107	0.00
44 T	2,2,4-Trimethylpentane	1.470	1.280	12.9	107	0.00
45 T	t-1,3-Dichloropropene	0.283	0.315	-11.3	107	0.00
46 T	cis-1,3-Dichloropropene	0.400	0.419	-4.7	108	0.00
47 T	1,1,2-Trichloroethane	0.367	0.312	15.0	102	0.00
48 T	Dibromochloromethane	0.558	0.541	3.0	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.425	0.411	3.3	100	0.00
50 T	4-Methyl-2-Pentanone	0.886	0.787	11.2	104	0.00
51 T	2-Hexanone	0.689	0.614	10.9	103	0.00
52 T	Tetrachloroethene	0.304	0.265	12.8	104	0.00
53 T	Toluene	0.989	0.889	10.1	105	0.00
54 T	1,2-Dibromoethane	0.395	0.356	9.9	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.380	17.6	101	0.00
57 T	Chlorobenzene	0.849	0.677	20.3	100	0.00
58 T	Ethyl Benzene	1.421	1.187	16.5	101	0.00
59 T	m/p-Xylene	1.238	0.985	20.4	99	0.00
60 T	o-Xylene	1.186	0.932	21.4	98	0.00
61 T	Styrene	0.636	0.567	10.8	100	0.00
62	Isopropylbenzene	1.710	1.310	23.4	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.435	0.305	29.9	97	0.00
64	n-propylbenzene	0.432	0.339	21.5	99	0.00
65	tert-Butylbenzene	1.486	1.110	25.3	96	0.00
66 T	Benzyl Chloride	0.087	0.097	-11.5	113	0.00
67	sec-Butylbenzene	2.082	1.553	25.4	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.759	0.7	108	0.00
69	p-Isopropyltoluene	1.663	1.264	24.0	97	0.00
70	n-Butylbenzene	1.742	1.302	25.3	97	0.00
71	2-Chlorotoluene	1.304	0.974	25.3	95	0.00
72 T	4-Ethyltoluene	1.317	1.034	21.5	96	0.00
73 T	1,3,5-Trimethylbenzene	1.187	0.911	23.3	96	0.00
74 T	1,2,4-Trimethylbenzene	1.309	0.968	26.1	95	0.00
75 T	1,3-Dichlorobenzene	0.716	0.549	23.3	97	0.00
76 T	1,4-Dichlorobenzene	0.699	0.537	23.2	97	0.00
77 T	1,2-Dichlorobenzene	0.687	0.532	22.6	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.476	0.383	19.5	115	0.00
79 T	Naphthalene	0.780	0.834	-6.9	118	0.00
80 T	Naphthalene,2-methyl-	0.239	0.205	14.2	100	0.00
81 T	1,2,4-Trichlorobenzene	0.463	0.421	9.1	116	0.00

(#) = Out of Range

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