

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040050.D
 Acq On : 20 Dec 2022 9:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 21 03:49:56 2022
 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	89	-0.01
2 T	Dichlorodifluoromethane	1.872	1.466	21.7	96	0.00
3	Chlorodifluoromethane	1.475	1.271	13.8	93	0.00
4	Chloromethane	0.924	0.814	11.9	93	0.00
5 T	Vinyl Chloride	0.748	0.698	6.7	93	0.00
6 T	Bromomethane	0.275	0.246	10.5	91	0.00
7	Chloroethane	0.282	0.255	9.6	95	0.00
8 T	Dichlorotetrafluoroethane	1.969	1.699	13.7	94	0.00
9 T	Propene	0.626	0.567	9.4	93	0.00
10 T	Heptane	1.528	1.386	9.3	91	-0.02
11 T	Trichlorofluoromethane	2.034	1.803	11.4	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.540	1.356	11.9	93	0.00
13	Ethanol	0.059	0.045#	23.7	82	0.00
14 T	Bromoethene	0.580	0.543	6.4	94	0.00
15 T	Acetone	1.547	1.248	19.3	92	0.00
16 T	1,3-Butadiene	0.672	0.646	3.9	95	0.00
17	tert-Butyl alcohol	1.525	1.320	13.4	90	0.00
18 T	1,1-Dichloroethene	0.671	0.603	10.1	92	0.00
19 T	Isopropyl Alcohol	0.762	0.676	11.3	89	0.00
20 T	Methylene Chloride	0.658	0.505	23.3	93	-0.01
21 T	Allyl Chloride	0.930	0.861	7.4	91	0.00
22 T	trans-1,2-Dichloroethene	0.668	0.633	5.2	92	-0.01
23 T	Vinyl Acetate	0.490	0.473	3.5	92	0.00
24 T	1,1-Dichloroethane	1.440	1.240	13.9	91	-0.01
25 T	Ethyl Acetate	2.679	2.345	12.5	93	-0.01
26 T	Hexane	1.126	1.013	10.0	95	-0.01
27 T	Carbon Disulfide	1.420	1.502	-5.8	94	0.00
28 T	Methyl tert-Butyl Ether	1.327	1.177	11.3	93	-0.01
29 T	Chloroform	1.718	1.478	14.0	92	-0.01
30 T	Cyclohexane	0.997	0.942	5.5	95	-0.02
31 T	cis-1,2-Dichloroethene	1.072	0.976	9.0	90	-0.01
32 T	1,1,1-Trichloroethane	1.840	1.777	3.4	91	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.542	0.475	12.4	90	-0.01
35 T	Carbon Tetrachloride	0.621	0.619	0.3	91	-0.02
36 T	Benzene	0.893	0.803	10.1	93	-0.01
37 T	1,2-Dichloroethane	0.524	0.468	10.7	92	-0.01
38 T	Trichloroethene	0.459	0.465	-1.3	93	-0.02
39 T	1,2-Dichloropropane	0.335	0.300	10.4	92	-0.01
40 T	1,4-Dioxane	0.151	0.129	14.6	90	-0.02
41 T	Tetrahydrofuran	0.339	0.290	14.5	89	-0.01
42 T	Bromodichloromethane	0.718	0.663	7.7	90	-0.01
43	Methyl Methacrylate	0.335	0.317	5.4	92	-0.01
44 T	2,2,4-Trimethylpentane	1.470	1.301	11.5	93	-0.01
45 T	t-1,3-Dichloropropene	0.283	0.297	-4.9	87	-0.01
46 T	cis-1,3-Dichloropropene	0.400	0.407	-1.7	90	-0.01
47 T	1,1,2-Trichloroethane	0.367	0.321	12.5	90	-0.01
48 T	Dibromochloromethane	0.558	0.533	4.5	88	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.425	0.396	6.8	83	-0.01
50 T	4-Methyl-2-Pentanone	0.886	0.791	10.7	90	-0.01
51 T	2-Hexanone	0.689	0.617	10.4	89	-0.02
52 T	Tetrachloroethene	0.304	0.270	11.2	91	-0.01
53 T	Toluene	0.989	0.908	8.2	92	-0.01
54 T	1,2-Dibromoethane	0.395	0.367	7.1	90	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	-0.01
56	1,1,1,2-Tetrachloroethane	0.461	0.391	15.2	88	-0.02
57 T	Chlorobenzene	0.849	0.702	17.3	89	-0.01
58 T	Ethyl Benzene	1.421	1.235	13.1	90	-0.01
59 T	m/p-Xylene	1.238	1.038	16.2	89	-0.02
60 T	o-Xylene	1.186	0.982	17.2	88	-0.02
61 T	Styrene	0.636	0.580	8.8	87	-0.02
62	Isopropylbenzene	1.710	1.377	19.5	88	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.435	0.313	28.0	85	-0.01
64	n-propylbenzene	0.432	0.352	18.5	88	-0.02
65	tert-Butylbenzene	1.486	1.168	21.4	86	-0.02
66 T	Benzyl Chloride	0.087	0.075	13.8	74	-0.01
67	sec-Butylbenzene	2.082	1.640	21.2	87	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.764	0.739	3.3	90	-0.02
69	p-Isopropyltoluene	1.663	1.332	19.9	87	-0.02
70	n-Butylbenzene	1.742	1.390	20.2	88	-0.01
71	2-Chlorotoluene	1.304	1.034	20.7	86	-0.02
72 T	4-Ethyltoluene	1.317	1.086	17.5	86	-0.01
73 T	1,3,5-Trimethylbenzene	1.187	0.968	18.4	87	-0.01
74 T	1,2,4-Trimethylbenzene	1.309	1.035	20.9	87	0.00
75 T	1,3-Dichlorobenzene	0.716	0.577	19.4	87	-0.01
76 T	1,4-Dichlorobenzene	0.699	0.562	19.6	87	-0.02
77 T	1,2-Dichlorobenzene	0.687	0.551	19.8	89	-0.02
78 T	Hexachloro-1,3-Butadiene	0.476	0.395	17.0	101	-0.02
79 T	Naphthalene	0.780	0.842	-7.9	101	-0.02
80 T	Naphthalene,2-methyl-	0.239	0.187	21.8	78	-0.01
81 T	1,2,4-Trichlorobenzene	0.463	0.425	8.2	99	-0.01

(#) = Out of Range

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