

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040059.D
 Acq On : 20 Dec 2022 16:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 21 03:56:26 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	91	0.00
2 T	Dichlorodifluoromethane	1.872	1.549	17.3	103	0.00
3	Chlorodifluoromethane	1.475	1.208	18.1	90	0.00
4	Chloromethane	0.924	0.668	27.7	78	0.00
5 T	Vinyl Chloride	0.748	0.636	15.0	87	0.00
6 T	Bromomethane	0.275	0.277	-0.7	104	0.00
7	Chloroethane	0.282	0.232	17.7	87	0.00
8 T	Dichlorotetrafluoroethane	1.969	1.623	17.6	91	0.00
9 T	Propene	0.626	0.494	21.1	83	0.00
10 T	Heptane	1.528	1.230	19.5	82	-0.01
11 T	Trichlorofluoromethane	2.034	1.684	17.2	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.540	1.247	19.0	86	0.00
13	Ethanol	0.059	0.032#	45.8#	60	0.00
14 T	Bromoethene	0.580	0.492	15.2	86	0.00
15 T	Acetone	1.547	1.252	19.1	94	0.00
16 T	1,3-Butadiene	0.672	0.574	14.6	86	0.00
17	tert-Butyl alcohol	1.525	1.276	16.3	88	0.00
18 T	1,1-Dichloroethene	0.671	0.542	19.2	84	0.00
19 T	Isopropyl Alcohol	0.762	0.549	28.0	74	0.00
20 T	Methylene Chloride	0.658	0.476	27.7	89	0.00
21 T	Allyl Chloride	0.930	0.746	19.8	80	0.00
22 T	trans-1,2-Dichloroethene	0.668	0.545	18.4	81	0.00
23 T	Vinyl Acetate	0.490	0.202	58.8#	40	0.00
24 T	1,1-Dichloroethane	1.440	1.139	20.9	85	0.00
25 T	Ethyl Acetate	2.679	2.551	4.8	102	0.00
26 T	Hexane	1.126	0.954	15.3	91	0.00
27 T	Carbon Disulfide	1.420	1.268	10.7	80	0.00
28 T	Methyl tert-Butyl Ether	1.327	1.051	20.8	84	0.00
29 T	Chloroform	1.718	1.628	5.2	103	0.00
30 T	Cyclohexane	0.997	0.824	17.4	84	-0.01
31 T	cis-1,2-Dichloroethene	1.072	0.861	19.7	81	0.00
32 T	1,1,1-Trichloroethane	1.840	1.636	11.1	85	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.542	0.466	14.0	83	0.00
35 T	Carbon Tetrachloride	0.621	0.622	-0.2	85	0.00
36 T	Benzene	0.893	0.764	14.4	82	0.00
37 T	1,2-Dichloroethane	0.524	0.461	12.0	85	0.00
38 T	Trichloroethene	0.459	0.356	22.4	66	0.00
39 T	1,2-Dichloropropane	0.335	0.292	12.8	83	-0.01
40 T	1,4-Dioxane	0.151	0.120	20.5	78	0.00
41 T	Tetrahydrofuran	0.339	0.289	14.7	82	0.00
42 T	Bromodichloromethane	0.718	0.671	6.5	85	0.00
43	Methyl Methacrylate	0.335	0.313	6.6	85	-0.01
44 T	2,2,4-Trimethylpentane	1.470	1.257	14.5	84	0.00
45 T	t-1,3-Dichloropropene	0.283	0.250	11.7	68	0.00
46 T	cis-1,3-Dichloropropene	0.400	0.362	9.5	74	-0.01
47 T	1,1,2-Trichloroethane	0.367	0.317	13.6	83	0.00
48 T	Dibromochloromethane	0.558	0.538	3.6	83	0.00

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49 T	Bromoform	0.425	0.421	0.9	82	-0.02
50 T	4-Methyl-2-Pentanone	0.886	0.790	10.8	83	0.00
51 T	2-Hexanone	0.689	0.605	12.2	81	-0.02
52 T	Tetrachloroethene	0.304	0.249	18.1	78	-0.02
53 T	Toluene	0.989	0.868	12.2	82	0.00
54 T	1,2-Dibromoethane	0.395	0.403	-2.0	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.01
56	1,1,1,2-Tetrachloroethane	0.461	0.419	9.1	89	-0.01
57 T	Chlorobenzene	0.849	0.668	21.3	80	-0.01
58 T	Ethyl Benzene	1.421	1.202	15.4	82	-0.01
59 T	m/p-Xylene	1.238	1.021	17.5	83	-0.01
60 T	o-Xylene	1.186	0.994	16.2	84	-0.01
61 T	Styrene	0.636	0.549	13.7	78	-0.01
62	Isopropylbenzene	1.710	1.471	14.0	88	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.435	0.548	-26.0	141	-0.02
64	n-propylbenzene	0.432	0.373	13.7	88	-0.02
65	tert-Butylbenzene	1.486	1.290	13.2	90	-0.02
66 T	Benzyl Chloride	0.087	0.060	31.0#	56	-0.01
67	sec-Butylbenzene	2.082	1.817	12.7	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.749	2.0	86	-0.01
69	p-Isopropyltoluene	1.663	1.441	13.3	89	-0.01
70	n-Butylbenzene	1.742	1.520	12.7	91	-0.01
71	2-Chlorotoluene	1.304	1.118	14.3	88	-0.01
72 T	4-Ethyltoluene	1.317	1.110	15.7	83	-0.01
73 T	1,3,5-Trimethylbenzene	1.187	0.992	16.4	84	-0.01
74 T	1,2,4-Trimethylbenzene	1.309	1.071	18.2	85	0.00
75 T	1,3-Dichlorobenzene	0.716	0.567	20.8	81	-0.01
76 T	1,4-Dichlorobenzene	0.699	0.550	21.3	80	-0.02
77 T	1,2-Dichlorobenzene	0.687	0.552	19.7	84	-0.01
78 T	Hexachloro-1,3-Butadiene	0.476	0.337	29.2	81	-0.01
79 T	Naphthalene	0.780	0.658	15.6	75	-0.02
80 T	Naphthalene,2-methyl-	0.239	0.114	52.3#	45	0.00
81 T	1,2,4-Trichlorobenzene	0.463	0.349	24.6	77	0.00

(#) = Out of Range

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