

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038531.D
 Acq On : 4 Mar 2022 2:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 06:50:01 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	87	-0.02
2 T	Dichlorodifluoromethane	1.584	2.411	-52.2#	134	0.00
3	Chlorodifluoromethane	1.766	1.989	-12.6	106	0.00
4	Chloromethane	0.614	0.697	-13.5	107	0.00
5 T	Vinyl Chloride	0.641	0.697	-8.7	102	0.00
6 T	Bromomethane	0.338	0.384	-13.6	108	0.00
7	Chloroethane	0.206	0.246	-19.4	109	0.00
8 T	Dichlorotetrafluoroethane	1.473	1.786	-21.2	112	0.00
9 T	Propene	0.583	0.633	-8.6	100	0.00
10 T	Heptane	1.419	1.713	-20.7	106	-0.01
11 T	Trichlorofluoromethane	1.516	1.795	-18.4	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.332	-19.8	110	-0.02
13	Ethanol	0.058	0.054	6.9	91	-0.02
14 T	Bromoethene	0.443	0.525	-18.5	109	0.00
15 T	Acetone	0.850	0.893	-5.1	109	-0.01
16 T	1,3-Butadiene	0.568	0.664	-16.9	104	-0.01
17	tert-Butyl alcohol	0.848	0.859	-1.3	93	0.00
18 T	1,1-Dichloroethene	0.488	0.565	-15.8	108	-0.01
19 T	Isopropyl Alcohol	0.492	0.463	5.9	92	0.00
20 T	Methylene Chloride	0.421	0.467	-10.9	109	0.00
21 T	Allyl Chloride	0.718	0.841	-17.1	107	-0.01
22 T	trans-1,2-Dichloroethene	0.492	0.595	-20.9	108	0.00
23 T	Vinyl Acetate	1.127	1.259	-11.7	100	-0.02
24 T	1,1-Dichloroethane	1.013	1.207	-19.2	111	-0.01
25 T	Ethyl Acetate	2.285	2.701	-18.2	107	-0.01
26 T	Hexane	1.035	1.207	-16.6	107	-0.01
27 T	Carbon Disulfide	1.151	1.454	-26.3	107	0.00
28 T	Methyl tert-Butyl Ether	1.054	1.213	-15.1	104	-0.02
29 T	Chloroform	1.689	1.997	-18.2	107	-0.01
30 T	Cyclohexane	0.846	1.007	-19.0	106	-0.02
31 T	cis-1,2-Dichloroethene	1.002	1.210	-20.8	106	-0.01
32 T	1,1,1-Trichloroethane	1.698	1.957	-15.3	107	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	-0.01
34 T	2-Butanone	0.315	0.391	-24.1	107	-0.01
35 T	Carbon Tetrachloride	0.703	0.870	-23.8	107	-0.02
36 T	Benzene	0.880	1.027	-16.7	100	-0.02
37 T	1,2-Dichloroethane	0.509	0.635	-24.8	106	-0.01
38 T	Trichloroethene	0.321	0.377	-17.4	103	-0.01
39 T	1,2-Dichloropropane	0.351	0.414	-17.9	103	-0.02
40 T	1,4-Dioxane	0.083	0.090	-8.4	95	-0.02
41 T	Tetrahydrofuran	0.213	0.257	-20.7	100	-0.02
42 T	Bromodichloromethane	0.735	0.911	-23.9	104	-0.02
43	Methyl Methacrylate	0.306	0.391	-27.8	102	-0.01
44 T	2,2,4-Trimethylpentane	1.513	1.811	-19.7	105	-0.02
45 T	t-1,3-Dichloropropene	0.245	0.303	-23.7	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.321	0.376	-17.1	89	-0.01
47 T	1,1,2-Trichloroethane	0.349	0.424	-21.5	103	-0.01
48 T	Dibromochloromethane	0.570	0.741	-30.0#	104	-0.02
49 T	Bromoform	0.421	0.580	-37.8#	104	-0.01
50 T	4-Methyl-2-Pentanone	0.556	0.733	-31.8#	104	-0.02
51 T	2-Hexanone	0.249	0.328	-31.7#	100	-0.02
52 T	Tetrachloroethene	0.292	0.325	-11.3	98	-0.02
53 T	Toluene	0.956	1.187	-24.2	104	-0.01
54 T	1,2-Dibromoethane	0.491	0.616	-25.5	103	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.02
56	1,1,1,2-Tetrachloroethane	0.417	0.497	-19.2	107	-0.01
57 T	Chlorobenzene	0.772	0.861	-11.5	104	-0.02
58 T	Ethyl Benzene	1.367	1.643	-20.2	105	-0.01
59 T	m/p-Xylene	1.174	1.403	-19.5	106	-0.01
60 T	o-Xylene	1.110	1.356	-22.2	108	0.00
61 T	Styrene	0.512	0.670	-30.9#	104	-0.02
62	Isopropylbenzene	1.490	1.782	-19.6	107	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.902	1.007	-11.6	109	-0.01
64	n-propylbenzene	0.369	0.448	-21.4	103	-0.02
65	tert-Butylbenzene	1.291	1.558	-20.7	107	-0.02
66 T	Benzyl Chloride	0.070	0.085	-21.4	86	-0.02
67	sec-Butylbenzene	1.829	2.222	-21.5	108	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.890	-7.6	93	-0.02
69	p-Isopropyltoluene	1.436	1.787	-24.4	106	-0.01
70	n-Butylbenzene	1.486	1.938	-30.4#	109	-0.01
71	2-Chlorotoluene	1.146	1.402	-22.3	106	-0.02
72 T	4-Ethyltoluene	1.223	1.554	-27.1	106	-0.01
73 T	1,3,5-Trimethylbenzene	1.111	1.394	-25.5	107	-0.02
74 T	1,2,4-Trimethylbenzene	1.173	1.461	-24.6	107	-0.01
75 T	1,3-Dichlorobenzene	0.657	0.789	-20.1	103	-0.01
76 T	1,4-Dichlorobenzene	0.648	0.757	-16.8	102	0.00
77 T	1,2-Dichlorobenzene	0.632	0.746	-18.0	103	-0.01
78 T	Hexachloro-1,3-Butadiene	0.482	0.554	-14.9	113	-0.01
79 T	Naphthalene	0.635	0.957	-50.7#	105	-0.02
80 T	Naphthalene,2-methyl-	0.124	0.140	-12.9	66	-0.01
81 T	1,2,4-Trichlorobenzene	0.384	0.540	-40.6#	106	-0.01

(#) = Out of Range

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