

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038551.D
 Acq On : 5 Mar 2022 1:45
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 05 06:33:05 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	99	-0.01
2 T	Dichlorodifluoromethane	1.584	2.106	-33.0#	133	0.00
3	Chlorodifluoromethane	1.766	1.746	1.1	105	0.00
4	Chloromethane	0.614	0.604	1.6	105	0.00
5 T	Vinyl Chloride	0.641	0.622	3.0	103	0.00
6 T	Bromomethane	0.338	0.322	4.7	103	0.00
7	Chloroethane	0.206	0.224	-8.7	112	0.00
8 T	Dichlorotetrafluoroethane	1.473	1.511	-2.6	108	0.00
9 T	Propene	0.583	0.561	3.8	100	0.00
10 T	Heptane	1.419	1.494	-5.3	104	-0.01
11 T	Trichlorofluoromethane	1.516	1.572	-3.7	109	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.169	-5.1	110	-0.01
13	Ethanol	0.058	0.054	6.9	103	-0.01
14 T	Bromoethene	0.443	0.464	-4.7	109	0.00
15 T	Acetone	0.850	0.771	9.3	106	-0.01
16 T	1,3-Butadiene	0.568	0.583	-2.6	103	-0.01
17	tert-Butyl alcohol	0.848	0.806	5.0	99	0.00
18 T	1,1-Dichloroethene	0.488	0.503	-3.1	110	0.00
19 T	Isopropyl Alcohol	0.492	0.430	12.6	96	0.00
20 T	Methylene Chloride	0.421	0.410	2.6	108	0.00
21 T	Allyl Chloride	0.718	0.738	-2.8	106	0.00
22 T	trans-1,2-Dichloroethene	0.492	0.544	-10.6	112	0.00
23 T	Vinyl Acetate	1.127	1.202	-6.7	109	-0.02
24 T	1,1-Dichloroethane	1.013	1.066	-5.2	111	0.00
25 T	Ethyl Acetate	2.285	2.323	-1.7	105	-0.01
26 T	Hexane	1.035	1.060	-2.4	106	-0.01
27 T	Carbon Disulfide	1.151	1.296	-12.6	108	0.00
28 T	Methyl tert-Butyl Ether	1.054	1.076	-2.1	105	-0.01
29 T	Chloroform	1.689	1.752	-3.7	106	-0.01
30 T	Cyclohexane	0.846	0.869	-2.7	104	-0.02
31 T	cis-1,2-Dichloroethene	1.002	1.063	-6.1	105	-0.01
32 T	1,1,1-Trichloroethane	1.698	1.727	-1.7	107	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	-0.01
34 T	2-Butanone	0.315	0.356	-13.0	108	-0.01
35 T	Carbon Tetrachloride	0.703	0.788	-12.1	107	-0.01
36 T	Benzene	0.880	0.932	-5.9	101	-0.02
37 T	1,2-Dichloroethane	0.509	0.573	-12.6	106	-0.01
38 T	Trichloroethene	0.321	0.335	-4.4	102	-0.01
39 T	1,2-Dichloropropane	0.351	0.374	-6.6	103	0.00
40 T	1,4-Dioxane	0.083	0.082	1.2	96	-0.02
41 T	Tetrahydrofuran	0.213	0.219	-2.8	95	-0.02
42 T	Bromodichloromethane	0.735	0.832	-13.2	106	-0.01
43	Methyl Methacrylate	0.306	0.352	-15.0	102	-0.01
44 T	2,2,4-Trimethylpentane	1.513	1.626	-7.5	105	-0.01
45 T	t-1,3-Dichloropropene	0.245	0.269	-9.8	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.321	0.337	-5.0	89	-0.01
47 T	1,1,2-Trichloroethane	0.349	0.378	-8.3	102	-0.02
48 T	Dibromochloromethane	0.570	0.661	-16.0	103	-0.01
49 T	Bromoform	0.421	0.527	-25.2	105	-0.02
50 T	4-Methyl-2-Pentanone	0.556	0.658	-18.3	103	-0.02
51 T	2-Hexanone	0.249	0.297	-19.3	101	-0.02
52 T	Tetrachloroethene	0.292	0.296	-1.4	99	-0.01
53 T	Toluene	0.956	1.063	-11.2	104	-0.01
54 T	1,2-Dibromoethane	0.491	0.561	-14.3	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	-0.01
56	1,1,1,2-Tetrachloroethane	0.417	0.473	-13.4	107	-0.02
57 T	Chlorobenzene	0.772	0.824	-6.7	105	-0.01
58 T	Ethyl Benzene	1.367	1.555	-13.8	105	-0.01
59 T	m/p-Xylene	1.174	1.339	-14.1	106	-0.01
60 T	o-Xylene	1.110	1.297	-16.8	109	0.00
61 T	Styrene	0.512	0.636	-24.2	103	-0.02
62	Isopropylbenzene	1.490	1.694	-13.7	107	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.902	0.951	-5.4	108	-0.02
64	n-propylbenzene	0.369	0.427	-15.7	103	0.00
65	tert-Butylbenzene	1.291	1.486	-15.1	107	-0.02
66 T	Benzyl Chloride	0.070	0.082	-17.1	88	-0.02
67	sec-Butylbenzene	1.829	2.109	-15.3	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.857	-3.6	94	-0.02
69	p-Isopropyltoluene	1.436	1.713	-19.3	106	0.00
70	n-Butylbenzene	1.486	1.851	-24.6	109	-0.01
71	2-Chlorotoluene	1.146	1.332	-16.2	105	-0.01
72 T	4-Ethyltoluene	1.223	1.465	-19.8	105	-0.01
73 T	1,3,5-Trimethylbenzene	1.111	1.322	-19.0	106	-0.02
74 T	1,2,4-Trimethylbenzene	1.173	1.394	-18.8	107	0.00
75 T	1,3-Dichlorobenzene	0.657	0.744	-13.2	102	-0.01
76 T	1,4-Dichlorobenzene	0.648	0.722	-11.4	102	-0.01
77 T	1,2-Dichlorobenzene	0.632	0.716	-13.3	103	-0.01
78 T	Hexachloro-1,3-Butadiene	0.482	0.531	-10.2	113	-0.01
79 T	Naphthalene	0.635	0.921	-45.0#	106	-0.01
80 T	Naphthalene,2-methyl-	0.124	0.120	3.2	59	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.508	-32.3#	105	0.00

(#) = Out of Range

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