

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038533.D
 Acq On : 4 Mar 2022 14:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 05 15:42:13 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	106	-0.01
2 T	Dichlorodifluoromethane	1.584	2.042	-28.9	139	0.00
3	Chlorodifluoromethane	1.766	1.758	0.5	114	0.00
4	Chloromethane	0.614	0.614	0.0	116	0.00
5 T	Vinyl Chloride	0.641	0.627	2.2	113	0.00
6 T	Bromomethane	0.338	0.334	1.2	115	0.00
7	Chloroethane	0.206	0.212	-2.9	115	0.00
8 T	Dichlorotetrafluoroethane	1.473	1.519	-3.1	117	0.00
9 T	Propene	0.583	0.589	-1.0	114	0.00
10 T	Heptane	1.419	1.482	-4.4	112	-0.01
11 T	Trichlorofluoromethane	1.516	1.532	-1.1	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.148	-3.2	116	0.00
13	Ethanol	0.058	0.059	-1.7	122	-0.02
14 T	Bromoethene	0.443	0.471	-6.3	120	0.00
15 T	Acetone	0.850	0.762	10.4	114	-0.01
16 T	1,3-Butadiene	0.568	0.576	-1.4	110	0.00
17	tert-Butyl alcohol	0.848	0.941	-11.0	125	0.00
18 T	1,1-Dichloroethene	0.488	0.510	-4.5	120	0.00
19 T	Isopropyl Alcohol	0.492	0.519	-5.5	126	0.00
20 T	Methylene Chloride	0.421	0.413	1.9	118	0.00
21 T	Allyl Chloride	0.718	0.800	-11.4	124	0.00
22 T	trans-1,2-Dichloroethene	0.492	0.554	-12.6	123	0.00
23 T	Vinyl Acetate	1.127	1.273	-13.0	124	-0.01
24 T	1,1-Dichloroethane	1.013	1.064	-5.0	120	0.00
25 T	Ethyl Acetate	2.285	2.354	-3.0	115	0.00
26 T	Hexane	1.035	1.080	-4.3	117	-0.01
27 T	Carbon Disulfide	1.151	1.318	-14.5	119	0.00
28 T	Methyl tert-Butyl Ether	1.054	1.146	-8.7	120	-0.01
29 T	Chloroform	1.689	1.710	-1.2	112	0.00
30 T	Cyclohexane	0.846	0.917	-8.4	118	-0.02
31 T	cis-1,2-Dichloroethene	1.002	1.001	0.1	107	0.00
32 T	1,1,1-Trichloroethane	1.698	1.755	-3.4	118	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
34 T	2-Butanone	0.315	0.344	-9.2	121	0.00
35 T	Carbon Tetrachloride	0.703	0.733	-4.3	116	-0.01
36 T	Benzene	0.880	0.910	-3.4	114	-0.01
37 T	1,2-Dichloroethane	0.509	0.529	-3.9	113	0.00
38 T	Trichloroethene	0.321	0.331	-3.1	117	0.00
39 T	1,2-Dichloropropane	0.351	0.358	-2.0	115	0.00
40 T	1,4-Dioxane	0.083	0.092	-10.8	125	-0.02
41 T	Tetrahydrofuran	0.213	0.232	-8.9	117	-0.01
42 T	Bromodichloromethane	0.735	0.774	-5.3	114	-0.01
43	Methyl Methacrylate	0.306	0.340	-11.1	114	-0.01
44 T	2,2,4-Trimethylpentane	1.513	1.517	-0.3	114	-0.02
45 T	t-1,3-Dichloropropene	0.245	0.320	-30.6#	122	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.321	0.392	-22.1	120	-0.01
47 T	1,1,2-Trichloroethane	0.349	0.360	-3.2	113	-0.01
48 T	Dibromochloromethane	0.570	0.628	-10.2	113	0.00
49 T	Bromoform	0.421	0.483	-14.7	111	0.00
50 T	4-Methyl-2-Pentanone	0.556	0.624	-12.2	114	-0.01
51 T	2-Hexanone	0.249	0.284	-14.1	112	-0.01
52 T	Tetrachloroethene	0.292	0.291	0.3	113	-0.01
53 T	Toluene	0.956	1.009	-5.5	115	0.00
54 T	1,2-Dibromoethane	0.491	0.541	-10.2	117	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.01
56	1,1,1,2-Tetrachloroethane	0.417	0.457	-9.6	114	-0.01
57 T	Chlorobenzene	0.772	0.818	-6.0	115	0.00
58 T	Ethyl Benzene	1.367	1.518	-11.0	113	0.00
59 T	m/p-Xylene	1.174	1.280	-9.0	112	0.00
60 T	o-Xylene	1.110	1.219	-9.8	113	0.00
61 T	Styrene	0.512	0.624	-21.9	112	-0.01
62	Isopropylbenzene	1.490	1.588	-6.6	110	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.902	0.886	1.8	111	-0.01
64	n-propylbenzene	0.369	0.405	-9.8	107	0.00
65	tert-Butylbenzene	1.291	1.382	-7.0	110	0.00
66 T	Benzyl Chloride	0.070	0.098	-40.0#	116	-0.01
67	sec-Butylbenzene	1.829	1.939	-6.0	109	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.828	-0.1	100	-0.01
69	p-Isopropyltoluene	1.436	1.580	-10.0	108	0.00
70	n-Butylbenzene	1.486	1.672	-12.5	109	0.00
71	2-Chlorotoluene	1.146	1.267	-10.6	111	0.00
72 T	4-Ethyltoluene	1.223	1.379	-12.8	109	0.00
73 T	1,3,5-Trimethylbenzene	1.111	1.231	-10.8	109	-0.01
74 T	1,2,4-Trimethylbenzene	1.173	1.296	-10.5	110	0.00
75 T	1,3-Dichlorobenzene	0.657	0.709	-7.9	107	0.00
76 T	1,4-Dichlorobenzene	0.648	0.681	-5.1	106	0.00
77 T	1,2-Dichlorobenzene	0.632	0.670	-6.0	107	-0.01
78 T	Hexachloro-1,3-Butadiene	0.482	0.455	5.6	107	-0.01
79 T	Naphthalene	0.635	0.815	-28.3	103	0.00
80 T	Naphthalene,2-methyl-	0.124	0.172	-38.7#	94	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.456	-18.8	104	0.00

(#) = Out of Range

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