

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038431.D
 Acq On : 24 Feb 2022 11:09
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 25 00:42:32 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84	-0.01
2 T	Dichlorodifluoromethane	1.584	1.500	5.3	81	0.00
3	Chlorodifluoromethane	1.766	1.849	-4.7	95	0.00
4	Chloromethane	0.614	0.624	-1.6	93	0.00
5 T	Vinyl Chloride	0.641	0.641	0.0	91	0.00
6 T	Bromomethane	0.338	0.356	-5.3	97	0.00
7	Chloroethane	0.206	0.217	-5.3	93	0.00
8 T	Dichlorotetrafluoroethane	1.473	1.566	-6.3	95	0.00
9 T	Propene	0.583	0.608	-4.3	93	0.00
10 T	Heptane	1.419	1.554	-9.5	93	-0.01
11 T	Trichlorofluoromethane	1.516	1.596	-5.3	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.168	-5.0	94	0.00
13	Ethanol	0.058	0.048#	17.2	77	0.00
14 T	Bromoethene	0.443	0.463	-4.5	93	0.00
15 T	Acetone	0.850	0.758	10.8	89	0.00
16 T	1,3-Butadiene	0.568	0.619	-9.0	94	0.00
17	tert-Butyl alcohol	0.848	0.996	-17.5	104	0.00
18 T	1,1-Dichloroethene	0.488	0.507	-3.9	94	0.00
19 T	Isopropyl Alcohol	0.492	0.511	-3.9	98	0.00
20 T	Methylene Chloride	0.421	0.414	1.7	94	0.00
21 T	Allyl Chloride	0.718	0.753	-4.9	93	0.00
22 T	trans-1,2-Dichloroethene	0.492	0.525	-6.7	92	0.00
23 T	Vinyl Acetate	1.127	1.204	-6.8	93	-0.01
24 T	1,1-Dichloroethane	1.013	1.067	-5.3	95	0.00
25 T	Ethyl Acetate	2.285	2.336	-2.2	90	0.00
26 T	Hexane	1.035	1.069	-3.3	92	-0.01
27 T	Carbon Disulfide	1.151	1.283	-11.5	91	0.00
28 T	Methyl tert-Butyl Ether	1.054	1.132	-7.4	94	-0.01
29 T	Chloroform	1.689	1.791	-6.0	93	-0.01
30 T	Cyclohexane	0.846	0.940	-11.1	96	-0.02
31 T	cis-1,2-Dichloroethene	1.002	0.801	20.1	68	-0.01
32 T	1,1,1-Trichloroethane	1.698	1.807	-6.4	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.01
34 T	2-Butanone	0.315	0.309	1.9	90	0.00
35 T	Carbon Tetrachloride	0.703	0.717	-2.0	94	-0.01
36 T	Benzene	0.880	0.874	0.7	91	-0.01
37 T	1,2-Dichloroethane	0.509	0.514	-1.0	91	0.00
38 T	Trichloroethene	0.321	0.315	1.9	92	0.00
39 T	1,2-Dichloropropane	0.351	0.346	1.4	91	0.00
40 T	1,4-Dioxane	0.083	0.064	22.9	72	0.00
41 T	Tetrahydrofuran	0.213	0.218	-2.3	91	-0.01
42 T	Bromodichloromethane	0.735	0.740	-0.7	90	-0.01
43	Methyl Methacrylate	0.306	0.327	-6.9	91	-0.01
44 T	2,2,4-Trimethylpentane	1.513	1.500	0.9	93	-0.02
45 T	t-1,3-Dichloropropene	0.245	0.262	-6.9	83	0.00
46 T	cis-1,3-Dichloropropene	0.321	0.333	-3.7	84	0.00
47 T	1,1,2-Trichloroethane	0.349	0.344	1.4	89	-0.02
48 T	Dibromochloromethane	0.570	0.567	0.5	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.374	11.2	71	-0.02
50 T	4-Methyl-2-Pentanone	0.556	0.595	-7.0	90	-0.01
51 T	2-Hexanone	0.249	0.254	-2.0	83	-0.02
52 T	Tetrachloroethene	0.292	0.267	8.6	86	-0.01
53 T	Toluene	0.956	0.964	-0.8	90	-0.01
54 T	1,2-Dibromoethane	0.491	0.488	0.6	87	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.01
56	1,1,1,2-Tetrachloroethane	0.417	0.394	5.5	85	-0.02
57 T	Chlorobenzene	0.772	0.693	10.2	84	-0.01
58 T	Ethyl Benzene	1.367	1.307	4.4	84	-0.01
59 T	m/p-Xylene	1.174	1.098	6.5	83	-0.01
60 T	o-Xylene	1.110	1.009	9.1	81	-0.01
61 T	Styrene	0.512	0.487	4.9	75	-0.02
62	Isopropylbenzene	1.490	1.327	10.9	80	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.902	0.677	24.9	73	-0.01
64	n-propylbenzene	0.369	0.306	17.1	71	-0.01
65	tert-Butylbenzene	1.291	1.070	17.1	74	-0.01
66 T	Benzyl Chloride	0.070	0.051	27.1	52	-0.02
67	sec-Butylbenzene	1.829	1.491	18.5	73	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.794	4.0	83	-0.02
69	p-Isopropyltoluene	1.436	1.196	16.7	71	-0.01
70	n-Butylbenzene	1.486	1.279	13.9	72	-0.01
71	2-Chlorotoluene	1.146	0.928	19.0	70	-0.02
72 T	4-Ethyltoluene	1.223	1.095	10.5	75	-0.01
73 T	1,3,5-Trimethylbenzene	1.111	0.952	14.3	73	-0.02
74 T	1,2,4-Trimethylbenzene	1.173	0.981	16.4	72	-0.01
75 T	1,3-Dichlorobenzene	0.657	0.503	23.4	66	-0.01
76 T	1,4-Dichlorobenzene	0.648	0.494	23.8	67	-0.01
77 T	1,2-Dichlorobenzene	0.632	0.488	22.8	67	-0.01
78 T	Hexachloro-1,3-Butadiene	0.482	0.404	16.2	82	-0.01
79 T	Naphthalene	0.635	0.753	-18.6	83	-0.01
80 T	Naphthalene,2-methyl-	0.124	0.121	2.4	57	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.405	-5.5	80	-0.01

(#) = Out of Range

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