

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038403.D
 Acq On : 23 Feb 2022 00:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 23 07:09:27 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	91	0.03
2 T	Dichlorodifluoromethane	1.584	1.458	8.0	85	0.02
3	Chlorodifluoromethane	1.766	1.732	1.9	96	0.02
4	Chloromethane	0.614	0.603	1.8	97	0.02
5 T	Vinyl Chloride	0.641	0.612	4.5	94	0.02
6 T	Bromomethane	0.338	0.313	7.4	92	0.02
7	Chloroethane	0.206	0.211	-2.4	97	0.02
8 T	Dichlorotetrafluoroethane	1.473	1.526	-3.6	100	0.02
9 T	Propene	0.583	0.573	1.7	94	0.02
10 T	Heptane	1.419	1.464	-3.2	94	0.03
11 T	Trichlorofluoromethane	1.516	1.496	1.3	95	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.048	5.8	91	0.02
13	Ethanol	0.058	0.048#	17.2	83	0.02
14 T	Bromoethene	0.443	0.454	-2.5	98	0.02
15 T	Acetone	0.850	0.715	15.9	91	0.02
16 T	1,3-Butadiene	0.568	0.589	-3.7	96	0.02
17	tert-Butyl alcohol	0.848	0.826	2.6	93	0.03
18 T	1,1-Dichloroethene	0.488	0.465	4.7	93	0.02
19 T	Isopropyl Alcohol	0.492	0.465	5.5	96	0.02
20 T	Methylene Chloride	0.421	0.371	11.9	90	0.03
21 T	Allyl Chloride	0.718	0.669	6.8	89	0.02
22 T	trans-1,2-Dichloroethene	0.492	0.492	0.0	93	0.03
23 T	Vinyl Acetate	1.127	1.085	3.7	90	0.02
24 T	1,1-Dichloroethane	1.013	0.967	4.5	93	0.03
25 T	Ethyl Acetate	2.285	2.284	0.0	95	0.03
26 T	Hexane	1.035	1.050	-1.4	97	0.03
27 T	Carbon Disulfide	1.151	1.109	3.6	85	0.03
28 T	Methyl tert-Butyl Ether	1.054	1.041	1.2	93	0.02
29 T	Chloroform	1.689	1.706	-1.0	95	0.03
30 T	Cyclohexane	0.846	0.870	-2.8	96	0.03
31 T	cis-1,2-Dichloroethene	1.002	1.073	-7.1	98	0.03
32 T	1,1,1-Trichloroethane	1.698	1.707	-0.5	97	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.03
34 T	2-Butanone	0.315	0.376	-19.4	112	0.03
35 T	Carbon Tetrachloride	0.703	0.696	1.0	93	0.03
36 T	Benzene	0.880	0.891	-1.3	94	0.03
37 T	1,2-Dichloroethane	0.509	0.515	-1.2	93	0.03
38 T	Trichloroethene	0.321	0.318	0.9	95	0.03
39 T	1,2-Dichloropropane	0.351	0.347	1.1	94	0.03
40 T	1,4-Dioxane	0.083	0.035#	57.8#	40	0.03
41 T	Tetrahydrofuran	0.213	0.226	-6.1	96	0.03
42 T	Bromodichloromethane	0.735	0.750	-2.0	93	0.03
43	Methyl Methacrylate	0.306	0.329	-7.5	93	0.03
44 T	2,2,4-Trimethylpentane	1.513	1.500	0.9	95	0.03
45 T	t-1,3-Dichloropropene	0.245	0.248	-1.2	80	0.03
46 T	cis-1,3-Dichloropropene	0.321	0.313	2.5	81	0.03
47 T	1,1,2-Trichloroethane	0.349	0.355	-1.7	94	0.03
48 T	Dibromochloromethane	0.570	0.594	-4.2	90	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.449	-6.7	87	0.03
50 T	4-Methyl-2-Pentanone	0.556	0.599	-7.7	92	0.03
51 T	2-Hexanone	0.249	0.269	-8.0	90	0.03
52 T	Tetrachloroethene	0.292	0.282	3.4	93	0.04
53 T	Toluene	0.956	0.993	-3.9	95	0.03
54 T	1,2-Dibromoethane	0.491	0.523	-6.5	95	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.03
56	1,1,1,2-Tetrachloroethane	0.417	0.410	1.7	93	0.03
57 T	Chlorobenzene	0.772	0.719	6.9	92	0.04
58 T	Ethyl Benzene	1.367	1.366	0.1	92	0.03
59 T	m/p-Xylene	1.174	1.155	1.6	92	0.03
60 T	o-Xylene	1.110	1.098	1.1	93	0.04
61 T	Styrene	0.512	0.554	-8.2	90	0.03
62	Isopropylbenzene	1.490	1.475	1.0	93	0.03
63 T	1,1,2,2-Tetrachloroethane	0.902	0.801	11.2	91	0.03
64	n-propylbenzene	0.369	0.376	-1.9	91	0.03
65	tert-Butylbenzene	1.291	1.299	-0.6	94	0.03
66 T	Benzyl Chloride	0.070	0.065	7.1	69	0.03
67	sec-Butylbenzene	1.829	1.849	-1.1	95	0.04
68 S	1-Bromo-4-Fluorobenzene	0.827	0.808	2.3	89	0.03
69	p-Isopropyltoluene	1.436	1.505	-4.8	94	0.03
70	n-Butylbenzene	1.486	1.602	-7.8	95	0.03
71	2-Chlorotoluene	1.146	1.150	-0.3	91	0.03
72 T	4-Ethyltoluene	1.223	1.278	-4.5	92	0.04
73 T	1,3,5-Trimethylbenzene	1.111	1.154	-3.9	93	0.03
74 T	1,2,4-Trimethylbenzene	1.173	1.208	-3.0	93	0.04
75 T	1,3-Dichlorobenzene	0.657	0.659	-0.3	90	0.04
76 T	1,4-Dichlorobenzene	0.648	0.631	2.6	89	0.04
77 T	1,2-Dichlorobenzene	0.632	0.632	0.0	92	0.03
78 T	Hexachloro-1,3-Butadiene	0.482	0.475	1.5	102	0.03
79 T	Naphthalene	0.635	0.868	-36.7#	100	0.04
80 T	Naphthalene,2-methyl-	0.124	0.164	-32.3#	81	0.02
81 T	1,2,4-Trichlorobenzene	0.384	0.482	-25.5	100	0.04

(#) = Out of Range

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