

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020322\
 Data File : VL038334.D
 Acq On : 3 Feb 2022 15:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 09:13:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 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	109	-0.02
2 T	Dichlorodifluoromethane	2.129	1.906	10.5	94	-0.01
3	Chlorodifluoromethane	1.991	1.731	13.1	99	0.00
4	Chloromethane	0.685	0.559	18.4	93	0.00
5 T	Vinyl Chloride	0.684	0.541	20.9	90	0.00
6 T	Bromomethane	0.370	0.204	44.9#	60	0.00
7	Chloroethane	0.231	0.194	16.0	92	-0.01
8 T	Dichlorotetrafluoroethane	1.647	1.359	17.5	94	0.00
9 T	Propene	0.648	0.541	16.5	91	0.00
10 T	Heptane	1.667	1.363	18.2	90	-0.01
11 T	Trichlorofluoromethane	1.658	1.339	19.2	89	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.254	0.967	22.9	87	-0.02
13	Ethanol	0.070	0.068	2.9	104	-0.02
14 T	Bromoethene	0.490	0.415	15.3	94	-0.01
15 T	Acetone	0.882	0.813	7.8	114	0.00
16 T	1,3-Butadiene	0.633	0.584	7.7	103	-0.01
17	tert-Butyl alcohol	0.968	0.705	27.2	80	-0.01
18 T	1,1-Dichloroethene	0.545	0.434	20.4	88	-0.01
19 T	Isopropyl Alcohol	0.551	0.421	23.6	89	0.00
20 T	Methylene Chloride	0.513	0.351	31.6#	85	-0.02
21 T	Allyl Chloride	0.780	0.533	31.7#	72	-0.01
22 T	trans-1,2-Dichloroethene	0.563	0.430	23.6	84	0.00
23 T	Vinyl Acetate	1.282	1.017	20.7	86	-0.02
24 T	1,1-Dichloroethane	1.142	0.893	21.8	88	-0.02
25 T	Ethyl Acetate	2.468	2.075	15.9	97	-0.01
26 T	Hexane	1.148	0.994	13.4	100	0.00
27 T	Carbon Disulfide	1.343	1.017	24.3	78	-0.02
28 T	Methyl tert-Butyl Ether	1.191	0.902	24.3	83	-0.01
29 T	Chloroform	1.874	1.613	13.9	98	-0.02
30 T	Cyclohexane	1.000	0.852	14.8	93	-0.01
31 T	cis-1,2-Dichloroethene	1.001	1.001	0.0	128	-0.01
32 T	1,1,1-Trichloroethane	1.872	1.601	14.5	95	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.02
34 T	2-Butanone	0.327	0.329	-0.6	118	0.00
35 T	Carbon Tetrachloride	0.702	0.581	17.2	91	-0.01
36 T	Benzene	0.885	0.757	14.5	94	-0.02
37 T	1,2-Dichloroethane	0.507	0.425	16.2	90	-0.02
38 T	Trichloroethene	0.329	0.265	19.5	92	-0.02
39 T	1,2-Dichloropropane	0.359	0.292	18.7	90	-0.02
40 T	1,4-Dioxane	0.086	0.071	17.4	100	-0.02
41 T	Tetrahydrofuran	0.220	0.168	23.6	85	-0.02
42 T	Bromodichloromethane	0.752	0.630	16.2	92	-0.01
43	Methyl Methacrylate	0.313	0.289	7.7	95	-0.01
44 T	2,2,4-Trimethylpentane	1.559	1.276	18.2	94	-0.01
45 T	t-1,3-Dichloropropene	0.254	0.100	60.6#	36	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.165	51.3#	49	-0.01
47 T	1,1,2-Trichloroethane	0.352	0.298	15.3	94	-0.02
48 T	Dibromochloromethane	0.593	0.511	13.8	92	-0.02
49 T	Bromoform	0.428	0.394	7.9	97	-0.02
50 T	4-Methyl-2-Pentanone	0.583	0.543	6.9	99	-0.02
51 T	2-Hexanone	0.257	0.264	-2.7	106	-0.01
52 T	Tetrachloroethene	0.305	0.238	22.0	91	-0.01
53 T	Toluene	0.979	0.842	14.0	93	-0.02
54 T	1,2-Dibromoethane	0.501	0.412	17.8	89	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	-0.02
56	1,1,1,2-Tetrachloroethane	0.438	0.358	18.3	98	-0.01
57 T	Chlorobenzene	0.800	0.621	22.4	94	-0.02
58 T	Ethyl Benzene	1.470	1.175	20.1	94	-0.02
59 T	m/p-Xylene	1.254	0.964	23.1	92	-0.02
60 T	o-Xylene	1.166	0.917	21.4	94	-0.02
61 T	Styrene	0.544	0.451	17.1	88	-0.02
62	Isopropylbenzene	1.555	1.256	19.2	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.863	0.669	22.5	102	-0.02
64	n-propylbenzene	0.374	0.311	16.8	97	-0.02
65	tert-Butylbenzene	1.280	1.069	16.5	103	-0.01
66 T	Benzyl Chloride	0.058	0.017#	70.7#	27	-0.02
67	sec-Butylbenzene	1.781	1.491	16.3	103	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.759	0.780	-2.8	109	-0.01
69	p-Isopropyltoluene	1.363	1.162	14.7	102	-0.02
70	n-Butylbenzene	1.335	1.163	12.9	104	-0.02
71	2-Chlorotoluene	1.151	0.941	18.2	97	-0.02
72 T	4-Ethyltoluene	1.220	1.006	17.5	96	-0.02
73 T	1,3,5-Trimethylbenzene	1.097	0.886	19.2	96	-0.01
74 T	1,2,4-Trimethylbenzene	1.155	0.903	21.8	96	-0.02
75 T	1,3-Dichlorobenzene	0.620	0.498	19.7	98	-0.02
76 T	1,4-Dichlorobenzene	0.600	0.469	21.8	94	-0.02
77 T	1,2-Dichlorobenzene	0.576	0.478	17.0	104	-0.02
78 T	Hexachloro-1,3-Butadiene	0.400	0.275	31.3#	91	-0.02
79 T	Naphthalene	0.540	0.438	18.9	76	-0.02
80 T	Naphthalene,2-methyl-	0.059	0.058	1.7	63	-0.01
81 T	1,2,4-Trichlorobenzene	0.318	0.251	21.1	83	-0.02

(#) = Out of Range

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