

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038444.D
 Acq On : 1 Mar 2022 9:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 02 03:03:01 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	92	0.00
2 T	Dichlorodifluoromethane	1.584	1.301	17.9	77	0.00
3	Chlorodifluoromethane	1.766	1.803	-2.1	101	0.00
4	Chloromethane	0.614	0.640	-4.2	104	0.00
5 T	Vinyl Chloride	0.641	0.648	-1.1	101	0.00
6 T	Bromomethane	0.338	0.362	-7.1	108	0.00
7	Chloroethane	0.206	0.217	-5.3	101	0.00
8 T	Dichlorotetrafluoroethane	1.473	1.540	-4.5	103	0.00
9 T	Propene	0.583	0.582	0.2	97	0.00
10 T	Heptane	1.419	1.518	-7.0	99	0.00
11 T	Trichlorofluoromethane	1.516	1.600	-5.5	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.176	-5.8	103	0.00
13	Ethanol	0.058	0.045#	22.4	80	0.01
14 T	Bromoethene	0.443	0.473	-6.8	104	0.00
15 T	Acetone	0.850	0.762	10.4	98	0.00
16 T	1,3-Butadiene	0.568	0.618	-8.8	103	0.00
17	tert-Butyl alcohol	0.848	0.991	-16.9	114	0.00
18 T	1,1-Dichloroethene	0.488	0.514	-5.3	105	0.00
19 T	Isopropyl Alcohol	0.492	0.492	0.0	103	0.00
20 T	Methylene Chloride	0.421	0.415	1.4	103	0.00
21 T	Allyl Chloride	0.718	0.744	-3.6	100	0.00
22 T	trans-1,2-Dichloroethene	0.492	0.546	-11.0	105	0.00
23 T	Vinyl Acetate	1.127	1.210	-7.4	102	0.00
24 T	1,1-Dichloroethane	1.013	1.090	-7.6	106	0.00
25 T	Ethyl Acetate	2.285	2.311	-1.1	97	0.00
26 T	Hexane	1.035	1.053	-1.7	99	0.00
27 T	Carbon Disulfide	1.151	1.310	-13.8	102	0.00
28 T	Methyl tert-Butyl Ether	1.054	1.110	-5.3	101	0.00
29 T	Chloroform	1.689	1.752	-3.7	100	0.00
30 T	Cyclohexane	0.846	0.917	-8.4	102	0.00
31 T	cis-1,2-Dichloroethene	1.002	1.028	-2.6	95	0.00
32 T	1,1,1-Trichloroethane	1.698	1.745	-2.8	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.315	0.348	-10.5	102	0.00
35 T	Carbon Tetrachloride	0.703	0.754	-7.3	100	0.00
36 T	Benzene	0.880	0.923	-4.9	97	0.00
37 T	1,2-Dichloroethane	0.509	0.550	-8.1	98	0.00
38 T	Trichloroethene	0.321	0.329	-2.5	97	0.00
39 T	1,2-Dichloropropane	0.351	0.367	-4.6	98	0.00
40 T	1,4-Dioxane	0.083	0.060	27.7	68	0.02
41 T	Tetrahydrofuran	0.213	0.226	-6.1	95	0.00
42 T	Bromodichloromethane	0.735	0.779	-6.0	96	0.00
43	Methyl Methacrylate	0.306	0.345	-12.7	97	0.00
44 T	2,2,4-Trimethylpentane	1.513	1.580	-4.4	99	0.00
45 T	t-1,3-Dichloropropene	0.245	0.277	-13.1	89	0.00
46 T	cis-1,3-Dichloropropene	0.321	0.358	-11.5	91	0.00
47 T	1,1,2-Trichloroethane	0.349	0.358	-2.6	94	0.00
48 T	Dibromochloromethane	0.570	0.599	-5.1	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.398	5.5	77	0.00
50 T	4-Methyl-2-Pentanone	0.556	0.634	-14.0	97	0.00
51 T	2-Hexanone	0.249	0.269	-8.0	89	0.00
52 T	Tetrachloroethene	0.292	0.278	4.8	90	0.00
53 T	Toluene	0.956	1.004	-5.0	95	0.00
54 T	1,2-Dibromoethane	0.491	0.507	-3.3	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.417	0.415	0.5	90	0.00
57 T	Chlorobenzene	0.772	0.715	7.4	88	0.00
58 T	Ethyl Benzene	1.367	1.356	0.8	88	0.00
59 T	m/p-Xylene	1.174	1.159	1.3	89	0.00
60 T	o-Xylene	1.110	1.063	4.2	86	0.00
61 T	Styrene	0.512	0.509	0.6	80	0.00
62	Isopropylbenzene	1.490	1.391	6.6	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.902	0.710	21.3	78	0.00
64	n-propylbenzene	0.369	0.326	11.7	76	0.00
65	tert-Butylbenzene	1.291	1.115	13.6	78	0.00
66 T	Benzyl Chloride	0.070	0.049#	30.0#	51	0.00
67	sec-Butylbenzene	1.829	1.539	15.9	76	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.799	3.4	85	0.00
69	p-Isopropyltoluene	1.436	1.248	13.1	75	0.00
70	n-Butylbenzene	1.486	1.328	10.6	76	0.00
71	2-Chlorotoluene	1.146	0.975	14.9	75	0.00
72 T	4-Ethyltoluene	1.223	1.149	6.1	80	0.00
73 T	1,3,5-Trimethylbenzene	1.111	0.975	12.2	76	0.00
74 T	1,2,4-Trimethylbenzene	1.173	1.020	13.0	76	0.00
75 T	1,3-Dichlorobenzene	0.657	0.539	18.0	71	0.00
76 T	1,4-Dichlorobenzene	0.648	0.518	20.1	71	0.01
77 T	1,2-Dichlorobenzene	0.632	0.509	19.5	71	0.00
78 T	Hexachloro-1,3-Butadiene	0.482	0.418	13.3	86	0.00
79 T	Naphthalene	0.635	0.805	-26.8	89	0.02
80 T	Naphthalene,2-methyl-	0.124	0.129	-4.0	62	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.428	-11.5	85	0.01

(#) = Out of Range

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