

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038943.D
 Acq On : 19 Apr 2022 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 20 04:24:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 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	78	0.02
2 T	Dichlorodifluoromethane	1.418	1.927	-35.9#	116	0.02
3	Chlorodifluoromethane	1.220	1.219	0.1	83	0.02
4	Chloromethane	0.632	0.597	5.5	77	0.02
5 T	Vinyl Chloride	0.584	0.593	-1.5	82	0.02
6 T	Bromomethane	0.283	0.306	-8.1	88	0.02
7	Chloroethane	0.195	0.194	0.5	77	0.02
8 T	Dichlorotetrafluoroethane	1.325	1.377	-3.9	87	0.02
9 T	Propene	0.646	0.604	6.5	76	0.02
10 T	Heptane	1.626	1.534	5.7	78	0.03
11 T	Trichlorofluoromethane	1.140	1.319	-15.7	93	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.873	0.995	-14.0	93	0.02
13	Ethanol	0.039	0.040#	-2.6	92	0.02
14 T	Bromoethene	0.384	0.425	-10.7	93	0.02
15 T	Acetone	0.996	0.975	2.1	85	0.02
16 T	1,3-Butadiene	0.569	0.571	-0.4	81	0.02
17	tert-Butyl alcohol	0.893	0.803	10.1	69	0.02
18 T	1,1-Dichloroethene	0.398	0.444	-11.6	93	0.02
19 T	Isopropyl Alcohol	0.509	0.483	5.1	75	0.02
20 T	Methylene Chloride	0.361	0.363	-0.6	86	0.02
21 T	Allyl Chloride	0.745	0.745	0.0	83	0.02
22 T	trans-1,2-Dichloroethene	0.403	0.471	-16.9	89	0.02
23 T	Vinyl Acetate	0.970	1.064	-9.7	87	0.02
24 T	1,1-Dichloroethane	0.876	0.944	-7.8	85	0.02
25 T	Ethyl Acetate	2.526	2.522	0.2	79	0.02
26 T	Hexane	1.150	1.094	4.9	79	0.02
27 T	Carbon Disulfide	1.054	1.162	-10.2	85	0.03
28 T	Methyl tert-Butyl Ether	0.888	0.890	-0.2	79	0.03
29 T	Chloroform	1.609	1.674	-4.0	85	0.03
30 T	Cyclohexane	1.013	0.953	5.9	79	0.03
31 T	cis-1,2-Dichloroethene	1.057	1.062	-0.5	81	0.02
32 T	1,1,1-Trichloroethane	1.621	1.665	-2.7	84	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.02
34 T	2-Butanone	0.395	0.409	-3.5	82	0.02
35 T	Carbon Tetrachloride	0.600	0.615	-2.5	83	0.02
36 T	Benzene	0.910	0.862	5.3	79	0.03
37 T	1,2-Dichloroethane	0.416	0.462	-11.1	87	0.03
38 T	Trichloroethene	0.373	0.348	6.7	79	0.03
39 T	1,2-Dichloropropane	0.348	0.333	4.3	78	0.03
40 T	1,4-Dioxane	0.118	0.125	-5.9	96	0.03
41 T	Tetrahydrofuran	0.375	0.358	4.5	78	0.03
42 T	Bromodichloromethane	0.657	0.690	-5.0	85	0.03
43	Methyl Methacrylate	0.348	0.360	-3.4	80	0.03
44 T	2,2,4-Trimethylpentane	1.540	1.433	6.9	80	0.02
45 T	t-1,3-Dichloropropene	0.364	0.391	-7.4	76	0.03
46 T	cis-1,3-Dichloropropene	0.480	0.490	-2.1	77	0.03
47 T	1,1,2-Trichloroethane	0.357	0.352	1.4	81	0.03
48 T	Dibromochloromethane	0.559	0.571	-2.1	79	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.463	-4.5	81	0.03
50 T	4-Methyl-2-Pentanone	0.889	0.898	-1.0	79	0.03
51 T	2-Hexanone	0.670	0.710	-6.0	80	0.03
52 T	Tetrachloroethene	0.318	0.294	7.5	79	0.03
53 T	Toluene	1.050	1.015	3.3	81	0.03
54 T	1,2-Dibromoethane	0.495	0.502	-1.4	81	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.03
56	1,1,1,2-Tetrachloroethane	0.438	0.446	-1.8	82	0.03
57 T	Chlorobenzene	0.819	0.789	3.7	79	0.03
58 T	Ethyl Benzene	1.494	1.510	-1.1	83	0.03
59 T	m/p-Xylene	1.255	1.250	0.4	84	0.03
60 T	o-Xylene	1.175	1.171	0.3	84	0.03
61 T	Styrene	0.716	0.739	-3.2	80	0.03
62	Isopropylbenzene	1.763	1.707	3.2	81	0.03
63 T	1,1,2,2-Tetrachloroethane	0.744	0.736	1.1	83	0.03
64	n-propylbenzene	0.458	0.442	3.5	77	0.03
65	tert-Butylbenzene	1.564	1.471	5.9	80	0.03
66 T	Benzyl Chloride	0.318	0.288	9.4	57	0.03
67	sec-Butylbenzene	2.195	2.121	3.4	82	0.03
68 S	1-Bromo-4-Fluorobenzene	0.759	0.814	-7.2	82	0.03
69	p-Isopropyltoluene	1.802	1.750	2.9	80	0.03
70	n-Butylbenzene	1.816	1.873	-3.1	84	0.03
71	2-Chlorotoluene	1.326	1.331	-0.4	82	0.03
72 T	4-Ethyltoluene	1.403	1.413	-0.7	80	0.03
73 T	1,3,5-Trimethylbenzene	1.260	1.267	-0.6	81	0.03
74 T	1,2,4-Trimethylbenzene	1.332	1.324	0.6	83	0.03
75 T	1,3-Dichlorobenzene	0.773	0.767	0.8	80	0.03
76 T	1,4-Dichlorobenzene	0.762	0.755	0.9	80	0.03
77 T	1,2-Dichlorobenzene	0.762	0.750	1.6	79	0.03
78 T	Hexachloro-1,3-Butadiene	0.602	0.528	12.3	80	0.03
79 T	Naphthalene	0.996	1.080	-8.4	77	0.03
80 T	Naphthalene,2-methyl-	0.246	0.250	-1.6	65	0.02
81 T	1,2,4-Trichlorobenzene	0.583	0.595	-2.1	80	0.03

(#) = Out of Range

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