

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039021.D
 Acq On : 11 May 2022 14:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 11 15:27:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 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	74	-0.02
2 T	Dichlorodifluoromethane	1.567	1.376	12.2	70	0.00
3	Chlorodifluoromethane	1.241	1.177	5.2	76	0.00
4	Chloromethane	0.621	0.615	1.0	78	0.00
5 T	Vinyl Chloride	0.567	0.584	-3.0	77	0.00
6 T	Bromomethane	0.268	0.286	-6.7	79	-0.01
7	Chloroethane	0.190	0.199	-4.7	80	0.00
8 T	Dichlorotetrafluoroethane	1.420	1.370	3.5	76	-0.01
9 T	Propene	0.542	0.608	-12.2	94	0.00
10 T	Heptane	1.329	1.485	-11.7	86	-0.02
11 T	Trichlorofluoromethane	1.344	1.252	6.8	74	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.921	0.5	76	-0.01
13	Ethanol	0.038	0.029#	23.7	71	0.00
14 T	Bromoethene	0.382	0.411	-7.6	80	0.00
15 T	Acetone	0.943	0.936	0.7	79	-0.01
16 T	1,3-Butadiene	0.542	0.544	-0.4	78	0.00
17	tert-Butyl alcohol	0.725	0.798	-10.1	85	-0.01
18 T	1,1-Dichloroethene	0.399	0.410	-2.8	80	-0.01
19 T	Isopropyl Alcohol	0.449	0.472	-5.1	79	0.00
20 T	Methylene Chloride	0.356	0.334	6.2	78	-0.01
21 T	Allyl Chloride	0.643	0.690	-7.3	80	-0.01
22 T	trans-1,2-Dichloroethene	0.431	0.435	-0.9	78	-0.01
23 T	Vinyl Acetate	0.746	0.866	-16.1	86	-0.01
24 T	1,1-Dichloroethane	0.859	0.867	-0.9	79	-0.02
25 T	Ethyl Acetate	2.258	2.516	-11.4	85	-0.02
26 T	Hexane	1.003	1.088	-8.5	86	-0.02
27 T	Carbon Disulfide	0.953	1.032	-8.3	77	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.843	-10.5	83	-0.02
29 T	Chloroform	1.623	1.638	-0.9	77	-0.02
30 T	Cyclohexane	0.840	0.951	-13.2	89	-0.02
31 T	cis-1,2-Dichloroethene	1.022	1.072	-4.9	79	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.626	-0.2	76	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.02
34 T	2-Butanone	0.510	0.476	6.7	82	-0.02
35 T	Carbon Tetrachloride	0.659	0.587	10.9	76	-0.02
36 T	Benzene	0.856	0.837	2.2	89	-0.02
37 T	1,2-Dichloroethane	0.529	0.431	18.5	71	-0.02
38 T	Trichloroethene	0.380	0.363	4.5	88	-0.02
39 T	1,2-Dichloropropane	0.333	0.317	4.8	84	-0.02
40 T	1,4-Dioxane	0.120	0.109	9.2	81	-0.02
41 T	Tetrahydrofuran	0.343	0.346	-0.9	89	-0.01
42 T	Bromodichloromethane	0.724	0.632	12.7	75	-0.02
43	Methyl Methacrylate	0.347	0.342	1.4	85	-0.01
44 T	2,2,4-Trimethylpentane	1.502	1.376	8.4	85	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.365	-8.6	79	-0.02
46 T	cis-1,3-Dichloropropene	0.446	0.460	-3.1	83	-0.01
47 T	1,1,2-Trichloroethane	0.346	0.339	2.0	88	-0.02
48 T	Dibromochloromethane	0.564	0.543	3.7	80	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.427	0.7	79	-0.02
50 T	4-Methyl-2-Pentanone	0.895	0.862	3.7	84	-0.02
51 T	2-Hexanone	0.653	0.696	-6.6	85	-0.02
52 T	Tetrachloroethene	0.306	0.286	6.5	88	-0.02
53 T	Toluene	0.959	0.977	-1.9	90	-0.02
54 T	1,2-Dibromoethane	0.471	0.469	0.4	85	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.417	5.0	83	-0.02
57 T	Chlorobenzene	0.750	0.757	-0.9	90	-0.02
58 T	Ethyl Benzene	1.439	1.409	2.1	87	-0.02
59 T	m/p-Xylene	1.229	1.162	5.5	85	-0.02
60 T	o-Xylene	1.156	1.091	5.6	85	-0.02
61 T	Styrene	0.617	0.679	-10.0	90	-0.02
62	Isopropylbenzene	1.691	1.617	4.4	87	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.624	8.4	84	-0.02
64	n-propylbenzene	0.409	0.421	-2.9	89	-0.02
65	tert-Butylbenzene	1.482	1.378	7.0	86	-0.02
66 T	Benzyl Chloride	0.194	0.244	-25.8	79	-0.02
67	sec-Butylbenzene	2.117	2.000	5.5	86	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.792	0.733	7.4	77	-0.02
69	p-Isopropyltoluene	1.710	1.640	4.1	86	-0.02
70	n-Butylbenzene	1.817	1.726	5.0	83	-0.02
71	2-Chlorotoluene	1.304	1.222	6.3	84	-0.02
72 T	4-Ethyltoluene	1.318	1.330	-0.9	88	-0.02
73 T	1,3,5-Trimethylbenzene	1.186	1.167	1.6	85	-0.02
74 T	1,2,4-Trimethylbenzene	1.299	1.234	5.0	84	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.714	-0.3	87	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.692	1.1	85	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.697	1.0	87	-0.01
78 T	Hexachloro-1,3-Butadiene	0.647	0.546	15.6	84	-0.01
79 T	Naphthalene	1.055	1.208	-14.5	89	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.419	-31.3#	95	0.00
81 T	1,2,4-Trichlorobenzene	0.618	0.622	-0.6	87	-0.02

(#) = Out of Range

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