

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL039019.D
 Acq On : 10 May 2022 14:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 11 01:47:28 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	73	-0.02
2 T	Dichlorodifluoromethane	1.567	1.893	-20.8	96	0.00
3	Chlorodifluoromethane	1.241	1.170	5.7	75	-0.01
4	Chloromethane	0.621	0.620	0.2	77	0.00
5 T	Vinyl Chloride	0.567	0.585	-3.2	77	0.00
6 T	Bromomethane	0.268	0.264	1.5	72	-0.01
7	Chloroethane	0.190	0.189	0.5	75	-0.02
8 T	Dichlorotetrafluoroethane	1.420	1.355	4.6	74	-0.01
9 T	Propene	0.542	0.589	-8.7	90	0.00
10 T	Heptane	1.329	1.480	-11.4	85	-0.02
11 T	Trichlorofluoromethane	1.344	1.267	5.7	74	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.921	0.5	76	-0.02
13	Ethanol	0.038	0.028#	26.3	67	-0.02
14 T	Bromoethene	0.382	0.418	-9.4	80	0.00
15 T	Acetone	0.943	0.920	2.4	77	-0.02
16 T	1,3-Butadiene	0.542	0.566	-4.4	80	0.00
17	tert-Butyl alcohol	0.725	0.742	-2.3	78	-0.02
18 T	1,1-Dichloroethene	0.399	0.408	-2.3	78	-0.01
19 T	Isopropyl Alcohol	0.449	0.435	3.1	72	0.00
20 T	Methylene Chloride	0.356	0.326	8.4	75	-0.02
21 T	Allyl Chloride	0.643	0.698	-8.6	80	-0.01
22 T	trans-1,2-Dichloroethene	0.431	0.439	-1.9	77	-0.02
23 T	Vinyl Acetate	0.746	0.934	-25.2	91	-0.02
24 T	1,1-Dichloroethane	0.859	0.868	-1.0	78	-0.02
25 T	Ethyl Acetate	2.258	2.466	-9.2	82	-0.02
26 T	Hexane	1.003	1.080	-7.7	84	-0.02
27 T	Carbon Disulfide	0.953	1.017	-6.7	75	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.880	-15.3	86	-0.02
29 T	Chloroform	1.623	1.631	-0.5	76	-0.02
30 T	Cyclohexane	0.840	0.954	-13.6	88	-0.02
31 T	cis-1,2-Dichloroethene	1.022	1.072	-4.9	78	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.599	1.5	74	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.02
34 T	2-Butanone	0.510	0.522	-2.4	90	-0.02
35 T	Carbon Tetrachloride	0.659	0.562	14.7	73	-0.02
36 T	Benzene	0.856	0.810	5.4	86	-0.02
37 T	1,2-Dichloroethane	0.529	0.409	22.7	68	-0.02
38 T	Trichloroethene	0.380	0.351	7.6	86	-0.02
39 T	1,2-Dichloropropane	0.333	0.311	6.6	83	-0.02
40 T	1,4-Dioxane	0.120	0.105	12.5	78	-0.02
41 T	Tetrahydrofuran	0.343	0.332	3.2	86	-0.02
42 T	Bromodichloromethane	0.724	0.611	15.6	73	-0.02
43	Methyl Methacrylate	0.347	0.335	3.5	84	-0.02
44 T	2,2,4-Trimethylpentane	1.502	1.332	11.3	83	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.349	-3.9	76	-0.03
46 T	cis-1,3-Dichloropropene	0.446	0.444	0.4	80	-0.02
47 T	1,1,2-Trichloroethane	0.346	0.323	6.6	84	-0.02
48 T	Dibromochloromethane	0.564	0.520	7.8	77	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.405	5.8	76	-0.02
50 T	4-Methyl-2-Pentanone	0.895	0.810	9.5	80	-0.02
51 T	2-Hexanone	0.653	0.651	0.3	80	-0.02
52 T	Tetrachloroethene	0.306	0.280	8.5	87	-0.02
53 T	Toluene	0.959	0.946	1.4	88	-0.03
54 T	1,2-Dibromoethane	0.471	0.458	2.8	83	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.384	12.5	81	-0.02
57 T	Chlorobenzene	0.750	0.699	6.8	88	-0.02
58 T	Ethyl Benzene	1.439	1.299	9.7	86	-0.02
59 T	m/p-Xylene	1.229	1.059	13.8	82	-0.02
60 T	o-Xylene	1.156	1.002	13.3	83	-0.02
61 T	Styrene	0.617	0.632	-2.4	90	-0.02
62	Isopropylbenzene	1.691	1.464	13.4	84	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.553	18.8	79	-0.03
64	n-propylbenzene	0.409	0.379	7.3	86	-0.02
65	tert-Butylbenzene	1.482	1.246	15.9	83	-0.02
66 T	Benzyl Chloride	0.194	0.195	-0.5	67	-0.02
67	sec-Butylbenzene	2.117	1.821	14.0	84	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.792	0.714	9.8	80	-0.02
69	p-Isopropyltoluene	1.710	1.525	10.8	85	-0.02
70	n-Butylbenzene	1.817	1.626	10.5	84	-0.02
71	2-Chlorotoluene	1.304	1.116	14.4	82	-0.02
72 T	4-Ethyltoluene	1.318	1.211	8.1	85	-0.03
73 T	1,3,5-Trimethylbenzene	1.186	1.071	9.7	83	-0.03
74 T	1,2,4-Trimethylbenzene	1.299	1.127	13.2	82	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.654	8.1	85	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.647	7.6	85	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.654	7.1	87	-0.02
78 T	Hexachloro-1,3-Butadiene	0.647	0.594	8.2	98	-0.02
79 T	Naphthalene	1.055	1.276	-20.9	100	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.262	17.9	64	-0.01
81 T	1,2,4-Trichlorobenzene	0.618	0.654	-5.8	97	-0.02

(#) = Out of Range

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