

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039113.D
 Acq On : 24 May 2022 10:28
 Operator : SY/AP
 Sample : VSTDCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 25 04:16:09 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	80	-0.02
2 T	Dichlorodifluoromethane	1.567	1.088	30.6#	60	-0.01
3	Chlorodifluoromethane	1.241	1.243	-0.2	87	-0.01
4	Chloromethane	0.621	0.568	8.5	77	-0.01
5 T	Vinyl Chloride	0.567	0.580	-2.3	83	-0.01
6 T	Bromomethane	0.268	0.276	-3.0	82	-0.01
7	Chloroethane	0.190	0.201	-5.8	87	-0.01
8 T	Dichlorotetrafluoroethane	1.420	1.408	0.8	84	-0.01
9 T	Propene	0.542	0.518	4.4	86	0.00
10 T	Heptane	1.329	1.324	0.4	82	-0.02
11 T	Trichlorofluoromethane	1.344	1.336	0.6	85	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.963	-4.0	86	-0.02
13	Ethanol	0.038	0.052	-36.8#	136	-0.02
14 T	Bromoethene	0.382	0.415	-8.6	86	0.00
15 T	Acetone	0.943	0.962	-2.0	88	-0.02
16 T	1,3-Butadiene	0.542	0.544	-0.4	84	0.00
17	tert-Butyl alcohol	0.725	0.826	-13.9	95	-0.02
18 T	1,1-Dichloroethene	0.399	0.424	-6.3	89	-0.02
19 T	Isopropyl Alcohol	0.449	0.495	-10.2	89	-0.02
20 T	Methylene Chloride	0.356	0.367	-3.1	92	-0.01
21 T	Allyl Chloride	0.643	0.659	-2.5	83	-0.02
22 T	trans-1,2-Dichloroethene	0.431	0.446	-3.5	86	-0.02
23 T	Vinyl Acetate	0.746	0.642	13.9	68	-0.02
24 T	1,1-Dichloroethane	0.859	0.881	-2.6	86	-0.02
25 T	Ethyl Acetate	2.258	2.569	-13.8	93	-0.02
26 T	Hexane	1.003	1.032	-2.9	88	-0.02
27 T	Carbon Disulfide	0.953	1.006	-5.6	80	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.813	-6.6	86	-0.02
29 T	Chloroform	1.623	1.607	1.0	81	-0.02
30 T	Cyclohexane	0.840	0.838	0.2	85	-0.02
31 T	cis-1,2-Dichloroethene	1.022	1.026	-0.4	81	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.662	-2.4	83	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.02
34 T	2-Butanone	0.510	0.556	-9.0	89	-0.02
35 T	Carbon Tetrachloride	0.659	0.691	-4.9	83	-0.02
36 T	Benzene	0.856	0.825	3.6	82	-0.02
37 T	1,2-Dichloroethane	0.529	0.522	1.3	81	-0.02
38 T	Trichloroethene	0.380	0.329	13.4	75	-0.02
39 T	1,2-Dichloropropane	0.333	0.330	0.9	82	-0.02
40 T	1,4-Dioxane	0.120	0.116	3.3	80	-0.02
41 T	Tetrahydrofuran	0.343	0.339	1.2	81	-0.02
42 T	Bromodichloromethane	0.724	0.746	-3.0	83	-0.02
43	Methyl Methacrylate	0.347	0.366	-5.5	85	-0.02
44 T	2,2,4-Trimethylpentane	1.502	1.434	4.5	83	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.288	14.3	58	-0.02
46 T	cis-1,3-Dichloropropene	0.446	0.410	8.1	69	-0.02
47 T	1,1,2-Trichloroethane	0.346	0.340	1.7	82	-0.02
48 T	Dibromochloromethane	0.564	0.594	-5.3	82	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.478	-11.2	83	-0.03
50 T	4-Methyl-2-Pentanone	0.895	0.863	3.6	79	-0.02
51 T	2-Hexanone	0.653	0.652	0.2	74	-0.02
52 T	Tetrachloroethene	0.306	0.295	3.6	85	-0.02
53 T	Toluene	0.959	0.965	-0.6	83	-0.02
54 T	1,2-Dibromoethane	0.471	0.496	-5.3	84	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.464	-5.7	88	-0.02
57 T	Chlorobenzene	0.750	0.736	1.9	84	-0.02
58 T	Ethyl Benzene	1.439	1.397	2.9	83	-0.02
59 T	m/p-Xylene	1.229	1.202	2.2	84	-0.02
60 T	o-Xylene	1.156	1.128	2.4	84	-0.02
61 T	Styrene	0.617	0.618	-0.2	79	-0.03
62	Isopropylbenzene	1.691	1.678	0.8	86	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.775	-13.8	100	-0.03
64	n-propylbenzene	0.409	0.430	-5.1	87	-0.02
65	tert-Butylbenzene	1.482	1.502	-1.3	89	-0.02
66 T	Benzyl Chloride	0.194	0.101	47.9#	31	-0.02
67	sec-Butylbenzene	2.117	2.157	-1.9	89	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.792	0.782	1.3	79	-0.03
69	p-Isopropyltoluene	1.710	1.772	-3.6	89	-0.02
70	n-Butylbenzene	1.817	1.892	-4.1	87	-0.02
71	2-Chlorotoluene	1.304	1.300	0.3	85	-0.03
72 T	4-Ethyltoluene	1.318	1.349	-2.4	85	-0.02
73 T	1,3,5-Trimethylbenzene	1.186	1.200	-1.2	84	-0.03
74 T	1,2,4-Trimethylbenzene	1.299	1.313	-1.1	86	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.729	-2.4	85	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.719	-2.7	85	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.720	-2.3	86	-0.02
78 T	Hexachloro-1,3-Butadiene	0.647	0.552	14.7	81	-0.02
79 T	Naphthalene	1.055	1.008	4.5	71	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.233	27.0	51	-0.02
81 T	1,2,4-Trichlorobenzene	0.618	0.561	9.2	75	-0.02

(#) = Out of Range

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