

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040374.D
 Acq On : 19 Apr 2023 10:43
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDC0010

Quant Time: Apr 20 05:07:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 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	108	-0.01
2 T	Dichlorodifluoromethane	1.803	1.371	24.0	97	0.00
3	Chlorodifluoromethane	1.307	1.219	6.7	115	0.00
4	Chloromethane	0.825	0.795	3.6	117	0.00
5 T	Vinyl Chloride	0.681	0.679	0.3	120	0.00
6 T	Bromomethane	0.224	0.216	3.6	114	0.00
7	Chloroethane	0.258	0.245	5.0	112	0.00
8 T	Dichlorotetrafluoroethane	1.762	1.625	7.8	110	-0.01
9 T	Propene	0.516	0.505	2.1	119	-0.01
10 T	Heptane	1.173	1.278	-9.0	118	0.00
11 T	Trichlorofluoromethane	1.825	1.712	6.2	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.282	-0.4	119	0.00
13	Ethanol	0.043	0.031#	27.9	103	0.00
14 T	Bromoethene	0.522	0.525	-0.6	116	0.00
15 T	Acetone	1.416	1.232	13.0	119	0.00
16 T	1,3-Butadiene	0.586	0.616	-5.1	122	0.00
17	tert-Butyl alcohol	1.301	1.359	-4.5	122	0.00
18 T	1,1-Dichloroethene	0.576	0.586	-1.7	121	0.00
19 T	Isopropyl Alcohol	0.646	0.667	-3.3	121	0.00
20 T	Methylene Chloride	0.565	0.505	10.6	119	0.00
21 T	Allyl Chloride	0.805	0.847	-5.2	122	0.00
22 T	trans-1,2-Dichloroethene	0.576	0.597	-3.6	122	0.00
23 T	Vinyl Acetate	0.361	0.390	-8.0	134	0.00
24 T	1,1-Dichloroethane	1.200	1.217	-1.4	119	0.00
25 T	Ethyl Acetate	2.383	2.380	0.1	117	-0.01
26 T	Hexane	1.005	1.014	-0.9	118	0.00
27 T	Carbon Disulfide	1.300	1.460	-12.3	118	0.00
28 T	Methyl tert-Butyl Ether	1.037	1.095	-5.6	123	0.00
29 T	Chloroform	1.790	1.739	2.8	116	0.00
30 T	Cyclohexane	0.778	0.849	-9.1	117	0.00
31 T	cis-1,2-Dichloroethene	0.996	0.919	7.7	103	0.00
32 T	1,1,1-Trichloroethane	1.739	1.749	-0.6	115	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
34 T	2-Butanone	0.539	0.531	1.5	116	0.00
35 T	Carbon Tetrachloride	0.704	0.709	-0.7	114	0.00
36 T	Benzene	0.816	0.852	-4.4	119	-0.01
37 T	1,2-Dichloroethane	0.536	0.543	-1.3	116	-0.01
38 T	Trichloroethene	0.464	0.513	-10.6	115	-0.01
39 T	1,2-Dichloropropane	0.321	0.332	-3.4	118	0.00
40 T	1,4-Dioxane	0.123	0.133	-8.1	127	0.00
41 T	Tetrahydrofuran	0.295	0.326	-10.5	124	0.00
42 T	Bromodichloromethane	0.732	0.766	-4.6	116	0.00
43	Methyl Methacrylate	0.303	0.341	-12.5	117	-0.01
44 T	2,2,4-Trimethylpentane	1.363	1.403	-2.9	118	0.00
45 T	t-1,3-Dichloropropene	0.271	0.335	-23.6	119	-0.01
46 T	cis-1,3-Dichloropropene	0.377	0.450	-19.4	117	-0.01
47 T	1,1,2-Trichloroethane	0.352	0.359	-2.0	116	-0.01
48 T	Dibromochloromethane	0.567	0.620	-9.3	116	0.00

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.442	0.496	-12.2	115	-0.01
50 T	4-Methyl-2-Pentanone	0.818	0.872	-6.6	117	0.00
51 T	2-Hexanone	0.604	0.678	-12.3	117	-0.01
52 T	Tetrachloroethene	0.255	0.290	-13.7	119	0.00
53 T	Toluene	0.865	0.973	-12.5	118	-0.01
54 T	1,2-Dibromoethane	0.357	0.397	-11.2	116	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
56	1,1,1,2-Tetrachloroethane	0.456	0.446	2.2	115	-0.01
57 T	Chlorobenzene	0.783	0.758	3.2	116	-0.01
58 T	Ethyl Benzene	1.230	1.323	-7.6	115	-0.02
59 T	m/p-Xylene	1.131	1.154	-2.0	114	-0.01
60 T	o-Xylene	1.086	1.109	-2.1	114	0.00
61 T	Styrene	0.544	0.642	-18.0	116	0.00
62	Isopropylbenzene	1.564	1.544	1.3	113	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.397	0.345	13.1	113	-0.01
64	n-propylbenzene	0.385	0.396	-2.9	114	-0.01
65	tert-Butylbenzene	1.376	1.357	1.4	113	-0.01
66 T	Benzyl Chloride	0.085	0.088	-3.5	109	-0.01
67	sec-Butylbenzene	1.976	1.920	2.8	112	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.796	3.7	107	-0.01
69	p-Isopropyltoluene	1.543	1.540	0.2	113	-0.01
70	n-Butylbenzene	1.710	1.677	1.9	111	-0.01
71	2-Chlorotoluene	1.200	1.213	-1.1	113	-0.01
72 T	4-Ethyltoluene	1.199	1.262	-5.3	113	-0.02
73 T	1,3,5-Trimethylbenzene	1.107	1.119	-1.1	112	0.00
74 T	1,2,4-Trimethylbenzene	1.265	1.232	2.6	112	0.00
75 T	1,3-Dichlorobenzene	0.693	0.684	1.3	114	0.00
76 T	1,4-Dichlorobenzene	0.685	0.668	2.5	113	-0.01
77 T	1,2-Dichlorobenzene	0.685	0.646	5.7	113	-0.02
78 T	Hexachloro-1,3-Butadiene	0.549	0.492	10.4	114	-0.02
79 T	Naphthalene	0.854	1.028	-20.4	112	-0.01
80 T	Naphthalene,2-methyl-	0.254	0.356	-40.2#	124	0.00
81 T	1,2,4-Trichlorobenzene	0.525	0.537	-2.3	114	-0.01

(#) = Out of Range

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