

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040398.D
 Acq On : 20 Apr 2023 9:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 20 10:33:31 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	102	-0.02
2 T	Dichlorodifluoromethane	1.803	2.079	-15.3	139	0.00
3	Chlorodifluoromethane	1.307	1.289	1.4	115	0.00
4	Chloromethane	0.825	0.860	-4.2	119	-0.01
5 T	Vinyl Chloride	0.681	0.731	-7.3	122	0.00
6 T	Bromomethane	0.224	0.216	3.6	107	0.00
7	Chloroethane	0.258	0.261	-1.2	113	-0.01
8 T	Dichlorotetrafluoroethane	1.762	1.682	4.5	108	-0.01
9 T	Propene	0.516	0.607	-17.6	136	-0.01
10 T	Heptane	1.173	1.416	-20.7	123	-0.02
11 T	Trichlorofluoromethane	1.825	1.598	12.4	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.216	4.8	107	-0.02
13	Ethanol	0.043	0.044#	-2.3	135	0.00
14 T	Bromoethene	0.522	0.502	3.8	105	-0.01
15 T	Acetone	1.416	1.248	11.9	114	0.00
16 T	1,3-Butadiene	0.586	0.656	-11.9	123	0.00
17	tert-Butyl alcohol	1.301	1.285	1.2	109	-0.01
18 T	1,1-Dichloroethene	0.576	0.560	2.8	109	-0.01
19 T	Isopropyl Alcohol	0.646	0.655	-1.4	113	0.00
20 T	Methylene Chloride	0.565	0.478	15.4	106	-0.01
21 T	Allyl Chloride	0.805	0.890	-10.6	121	-0.01
22 T	trans-1,2-Dichloroethene	0.576	0.588	-2.1	113	-0.02
23 T	Vinyl Acetate	0.361	0.397	-10.0	128	-0.01
24 T	1,1-Dichloroethane	1.200	1.204	-0.3	111	-0.02
25 T	Ethyl Acetate	2.383	2.608	-9.4	121	-0.02
26 T	Hexane	1.005	1.130	-12.4	124	-0.02
27 T	Carbon Disulfide	1.300	1.396	-7.4	106	-0.02
28 T	Methyl tert-Butyl Ether	1.037	1.149	-10.8	122	-0.02
29 T	Chloroform	1.790	1.728	3.5	109	-0.02
30 T	Cyclohexane	0.778	0.939	-20.7	122	-0.02
31 T	cis-1,2-Dichloroethene	0.996	1.095	-9.9	116	-0.02
32 T	1,1,1-Trichloroethane	1.739	1.688	2.9	105	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	-0.02
34 T	2-Butanone	0.539	0.521	3.3	113	-0.02
35 T	Carbon Tetrachloride	0.704	0.644	8.5	103	-0.02
36 T	Benzene	0.816	0.893	-9.4	124	-0.02
37 T	1,2-Dichloroethane	0.536	0.500	6.7	106	-0.02
38 T	Trichloroethene	0.464	0.515	-11.0	115	-0.02
39 T	1,2-Dichloropropane	0.321	0.342	-6.5	121	-0.02
40 T	1,4-Dioxane	0.123	0.139	-13.0	131	-0.02
41 T	Tetrahydrofuran	0.295	0.351	-19.0	133	-0.02
42 T	Bromodichloromethane	0.732	0.705	3.7	106	-0.02
43	Methyl Methacrylate	0.303	0.356	-17.5	121	-0.02
44 T	2,2,4-Trimethylpentane	1.363	1.470	-7.9	122	-0.02
45 T	t-1,3-Dichloropropene	0.271	0.329	-21.4	116	-0.02
46 T	cis-1,3-Dichloropropene	0.377	0.447	-18.6	115	-0.02
47 T	1,1,2-Trichloroethane	0.352	0.355	-0.9	114	-0.02
48 T	Dibromochloromethane	0.567	0.574	-1.2	107	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.442	0.454	-2.7	105	-0.02
50 T	4-Methyl-2-Pentanone	0.818	0.896	-9.5	119	-0.02
51 T	2-Hexanone	0.604	0.710	-17.5	121	-0.03
52 T	Tetrachloroethene	0.255	0.300	-17.6	122	-0.02
53 T	Toluene	0.865	1.004	-16.1	121	-0.02
54 T	1,2-Dibromoethane	0.357	0.388	-8.7	112	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.02
56	1,1,1,2-Tetrachloroethane	0.456	0.428	6.1	107	-0.02
57 T	Chlorobenzene	0.783	0.770	1.7	114	-0.03
58 T	Ethyl Benzene	1.230	1.358	-10.4	114	-0.03
59 T	m/p-Xylene	1.131	1.129	0.2	108	-0.02
60 T	o-Xylene	1.086	1.076	0.9	107	-0.02
61 T	Styrene	0.544	0.655	-20.4	114	-0.02
62	Isopropylbenzene	1.564	1.526	2.4	108	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.397	0.337	15.1	107	-0.02
64	n-propylbenzene	0.385	0.407	-5.7	114	-0.02
65	tert-Butylbenzene	1.376	1.353	1.7	110	-0.03
66 T	Benzyl Chloride	0.085	0.087	-2.4	104	-0.03
67	sec-Butylbenzene	1.976	1.910	3.3	108	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.827	0.761	8.0	99	-0.03
69	p-Isopropyltoluene	1.543	1.595	-3.4	113	-0.03
70	n-Butylbenzene	1.710	1.720	-0.6	111	-0.02
71	2-Chlorotoluene	1.200	1.174	2.2	106	-0.02
72 T	4-Ethyltoluene	1.199	1.246	-3.9	108	-0.03
73 T	1,3,5-Trimethylbenzene	1.107	1.123	-1.4	109	-0.02
74 T	1,2,4-Trimethylbenzene	1.265	1.205	4.7	106	-0.02
75 T	1,3-Dichlorobenzene	0.693	0.696	-0.4	113	-0.03
76 T	1,4-Dichlorobenzene	0.685	0.678	1.0	111	-0.02
77 T	1,2-Dichlorobenzene	0.685	0.683	0.3	116	-0.03
78 T	Hexachloro-1,3-Butadiene	0.549	0.574	-4.6	129	-0.03
79 T	Naphthalene	0.854	1.235	-44.6#	130	-0.02
80 T	Naphthalene,2-methyl-	0.254	0.335	-31.9#	113	-0.02
81 T	1,2,4-Trichlorobenzene	0.525	0.634	-20.8	130	-0.03

(#) = Out of Range

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