

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041049.D
 Acq On : 9 Feb 2024 8:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 12 00:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Feb 12 00:40:04 2024
 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	0.02
2 T	Dichlorodifluoromethane	2.209	2.021	8.5	112	0.02
3	Chlorodifluoromethane	1.682	1.540	8.4	112	0.02
4	Chloromethane	0.630	0.588	6.7	114	0.02
5 T	Vinyl Chloride	0.618	0.612	1.0	111	0.02
6 T	Bromomethane	0.269	0.257	4.5	112	0.02
7	Chloroethane	0.223	0.214	4.0	115	0.02
8 T	Dichlorotetrafluoroethane	1.650	1.482	10.2	109	0.02
9 T	Propene	0.552	0.512	7.2	114	0.02
10 T	Heptane	1.358	1.281	5.7	108	0.03
11 T	Trichlorofluoromethane	1.780	1.596	10.3	107	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.290	1.187	8.0	110	0.02
13	Ethanol	0.131	0.114	13.0	114	0.02
14 T	Bromoethene	0.495	0.487	1.6	113	0.02
15 T	Acetone	1.279	1.066	16.7	110	0.02
16 T	1,3-Butadiene	0.612	0.563	8.0	107	0.02
17	tert-Butyl alcohol	1.049	1.014	3.3	105	0.02
18 T	1,1-Dichloroethene	0.552	0.513	7.1	109	0.02
19 T	Isopropyl Alcohol	0.740	0.726	1.9	113	0.02
20 T	Methylene Chloride	0.492	0.409	16.9	107	0.02
21 T	Allyl Chloride	0.777	0.711	8.5	107	0.02
22 T	trans-1,2-Dichloroethene	0.569	0.537	5.6	110	0.02
23 T	Vinyl Acetate	1.318	1.216	7.7	106	0.02
24 T	1,1-Dichloroethane	1.169	1.058	9.5	107	0.02
25 T	Ethyl Acetate	2.319	2.163	6.7	109	0.03
26 T	Hexane	0.988	0.922	6.7	109	0.02
27 T	Carbon Disulfide	1.286	1.230	4.4	104	0.02
28 T	Methyl tert-Butyl Ether	0.820	0.718	12.4	102	0.02
29 T	Chloroform	1.753	1.617	7.8	110	0.02
30 T	Cyclohexane	0.828	0.795	4.0	109	0.02
31 T	cis-1,2-Dichloroethene	0.928	0.952	-2.6	121	0.02
32 T	1,1,1-Trichloroethane	1.675	1.600	4.5	108	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.03
34 T	2-Butanone	0.476	0.465	2.3	108	0.02
35 T	Carbon Tetrachloride	0.667	0.685	-2.7	110	0.03
36 T	Benzene	0.826	0.801	3.0	108	0.03
37 T	1,2-Dichloroethane	0.504	0.495	1.8	108	0.02
38 T	Trichloroethene	0.331	0.321	3.0	109	0.02
39 T	1,2-Dichloropropane	0.325	0.316	2.8	109	0.02
40 T	1,4-Dioxane	0.135	0.134	0.7	110	0.03
41 T	Tetrahydrofuran	0.323	0.324	-0.3	105	0.02
42 T	Bromodichloromethane	0.721	0.717	0.6	108	0.03
43	Methyl Methacrylate	0.319	0.334	-4.7	108	0.03
44 T	2,2,4-Trimethylpentane	1.390	1.338	3.7	109	0.03
45 T	t-1,3-Dichloropropene	0.218	0.257	-17.9	113	0.03
46 T	cis-1,3-Dichloropropene	0.272	0.305	-12.1	113	0.02
47 T	1,1,2-Trichloroethane	0.351	0.346	1.4	108	0.03
48 T	Dibromochloromethane	0.593	0.612	-3.2	109	0.03

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49 T	Bromoform	0.465	0.512	-10.1	111	0.03
50 T	4-Methyl-2-Pentanone	0.839	0.861	-2.6	108	0.02
51 T	2-Hexanone	0.605	0.636	-5.1	109	0.03
52 T	Tetrachloroethene	0.274	0.283	-3.3	110	0.03
53 T	Toluene	0.905	0.922	-1.9	108	0.03
54 T	1,2-Dibromoethane	0.475	0.497	-4.6	108	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.03
56	1,1,1,2-Tetrachloroethane	0.480	0.458	4.6	113	0.03
57 T	Chlorobenzene	0.804	0.731	9.1	110	0.03
58 T	Ethyl Benzene	1.343	1.286	4.2	110	0.03
59 T	m/p-Xylene	1.171	1.107	5.5	110	0.02
60 T	o-Xylene	1.123	1.069	4.8	112	0.02
61 T	Styrene	0.516	0.543	-5.2	111	0.03
62	Isopropylbenzene	1.661	1.543	7.1	111	0.03
63 T	1,1,2,2-Tetrachloroethane	0.873	0.810	7.2	115	0.03
64	n-propylbenzene	0.420	0.405	3.6	113	0.03
65	tert-Butylbenzene	1.451	1.369	5.7	112	0.03
66 T	Benzyl Chloride	0.095	0.103	-8.4	118	0.02
67	sec-Butylbenzene	2.113	1.942	8.1	112	0.02
68 S	1-Bromo-4-Fluorobenzene	0.755	0.772	-2.3	113	0.03
69	p-Isopropyltoluene	1.637	1.552	5.2	110	0.03
70	n-Butylbenzene	1.769	1.671	5.5	111	0.03
71	2-Chlorotoluene	1.282	1.218	5.0	111	0.03
72 T	4-Ethyltoluene	1.255	1.227	2.2	112	0.03
73 T	1,3,5-Trimethylbenzene	1.113	1.062	4.6	111	0.03
74 T	1,2,4-Trimethylbenzene	1.262	1.174	7.0	111	0.03
75 T	1,3-Dichlorobenzene	0.718	0.678	5.6	113	0.02
76 T	1,4-Dichlorobenzene	0.709	0.670	5.5	113	0.03
77 T	1,2-Dichlorobenzene	0.714	0.662	7.3	112	0.02
78 T	Hexachloro-1,3-Butadiene	0.460	0.377	18.0	112	0.03
79 T	Naphthalene	0.720	0.837	-16.3	106	0.03
80 T	Naphthalene,2-methyl-	0.126	0.144	-14.3	101	0.02
81 T	1,2,4-Trichlorobenzene	0.420	0.416	1.0	109	0.03

(#) = Out of Range

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