

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041024.D
 Acq On : 25 Jan 2024 9:49
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 26 00:24:57 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 : Fri Jan 26 00:23:09 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	103	0.02
2 T	Dichlorodifluoromethane	2.209	1.931	12.6	101	0.02
3	Chlorodifluoromethane	1.682	1.623	3.5	112	0.02
4	Chloromethane	0.630	0.616	2.2	113	0.02
5 T	Vinyl Chloride	0.618	0.641	-3.7	111	0.02
6 T	Bromomethane	0.269	0.264	1.9	110	0.02
7	Chloroethane	0.223	0.222	0.4	113	0.02
8 T	Dichlorotetrafluoroethane	1.650	1.556	5.7	109	0.02
9 T	Propene	0.552	0.530	4.0	112	0.02
10 T	Heptane	1.358	1.343	1.1	108	0.02
11 T	Trichlorofluoromethane	1.780	1.724	3.1	110	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.290	1.232	4.5	109	0.02
13	Ethanol	0.131	0.111	15.3	105	0.02
14 T	Bromoethene	0.495	0.500	-1.0	110	0.02
15 T	Acetone	1.279	1.146	10.4	112	0.02
16 T	1,3-Butadiene	0.612	0.610	0.3	110	0.02
17	tert-Butyl alcohol	1.049	0.994	5.2	97	0.02
18 T	1,1-Dichloroethene	0.552	0.531	3.8	107	0.02
19 T	Isopropyl Alcohol	0.740	0.683	7.7	101	0.02
20 T	Methylene Chloride	0.492	0.444	9.8	110	0.02
21 T	Allyl Chloride	0.777	0.760	2.2	108	0.02
22 T	trans-1,2-Dichloroethene	0.569	0.541	4.9	106	0.02
23 T	Vinyl Acetate	1.318	1.331	-1.0	110	0.02
24 T	1,1-Dichloroethane	1.169	1.114	4.7	107	0.03
25 T	Ethyl Acetate	2.319	2.230	3.8	107	0.03
26 T	Hexane	0.988	0.952	3.6	107	0.03
27 T	Carbon Disulfide	1.286	1.348	-4.8	109	0.02
28 T	Methyl tert-Butyl Ether	0.820	0.740	9.8	100	0.02
29 T	Chloroform	1.753	1.689	3.7	109	0.02
30 T	Cyclohexane	0.828	0.808	2.4	105	0.02
31 T	cis-1,2-Dichloroethene	0.928	0.981	-5.7	119	0.03
32 T	1,1,1-Trichloroethane	1.675	1.677	-0.1	107	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.03
34 T	2-Butanone	0.476	0.514	-8.0	111	0.02
35 T	Carbon Tetrachloride	0.667	0.732	-9.7	109	0.03
36 T	Benzene	0.826	0.856	-3.6	107	0.02
37 T	1,2-Dichloroethane	0.504	0.531	-5.4	108	0.02
38 T	Trichloroethene	0.331	0.335	-1.2	105	0.03
39 T	1,2-Dichloropropane	0.325	0.336	-3.4	107	0.03
40 T	1,4-Dioxane	0.135	0.130	3.7	98	0.02
41 T	Tetrahydrofuran	0.323	0.346	-7.1	104	0.03
42 T	Bromodichloromethane	0.721	0.771	-6.9	107	0.03
43	Methyl Methacrylate	0.319	0.358	-12.2	107	0.03
44 T	2,2,4-Trimethylpentane	1.390	1.432	-3.0	108	0.03
45 T	t-1,3-Dichloropropene	0.218	0.263	-20.6	108	0.03
46 T	cis-1,3-Dichloropropene	0.272	0.312	-14.7	107	0.03
47 T	1,1,2-Trichloroethane	0.351	0.364	-3.7	106	0.03
48 T	Dibromochloromethane	0.593	0.650	-9.6	108	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.465	0.551	-18.5	111	0.02
50 T	4-Methyl-2-Pentanone	0.839	0.937	-11.7	109	0.03
51 T	2-Hexanone	0.605	0.682	-12.7	108	0.03
52 T	Tetrachloroethene	0.274	0.297	-8.4	107	0.03
53 T	Toluene	0.905	0.979	-8.2	106	0.03
54 T	1,2-Dibromoethane	0.475	0.530	-11.6	107	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.03
56	1,1,1,2-Tetrachloroethane	0.480	0.464	3.3	109	0.03
57 T	Chlorobenzene	0.804	0.755	6.1	108	0.03
58 T	Ethyl Benzene	1.343	1.321	1.6	108	0.03
59 T	m/p-Xylene	1.171	1.147	2.0	109	0.03
60 T	o-Xylene	1.123	1.101	2.0	110	0.03
61 T	Styrene	0.516	0.556	-7.8	108	0.03
62	Isopropylbenzene	1.661	1.589	4.3	109	0.03
63 T	1,1,2,2-Tetrachloroethane	0.873	0.819	6.2	111	0.03
64	n-propylbenzene	0.420	0.407	3.1	109	0.03
65	tert-Butylbenzene	1.451	1.409	2.9	110	0.03
66 T	Benzyl Chloride	0.095	0.106	-11.6	116	0.03
67	sec-Butylbenzene	2.113	2.010	4.9	111	0.02
68 S	1-Bromo-4-Fluorobenzene	0.755	0.744	1.5	104	0.03
69	p-Isopropyltoluene	1.637	1.607	1.8	109	0.02
70	n-Butylbenzene	1.769	1.734	2.0	110	0.03
71	2-Chlorotoluene	1.282	1.259	1.8	110	0.03
72 T	4-Ethyltoluene	1.255	1.271	-1.3	111	0.02
73 T	1,3,5-Trimethylbenzene	1.113	1.096	1.5	110	0.03
74 T	1,2,4-Trimethylbenzene	1.262	1.219	3.4	110	0.03
75 T	1,3-Dichlorobenzene	0.718	0.696	3.1	111	0.03
76 T	1,4-Dichlorobenzene	0.709	0.678	4.4	110	0.03
77 T	1,2-Dichlorobenzene	0.714	0.674	5.6	109	0.02
78 T	Hexachloro-1,3-Butadiene	0.460	0.384	16.5	109	0.03
79 T	Naphthalene	0.720	0.930	-29.2	112	0.03
80 T	Naphthalene,2-methyl-	0.126	0.189	-50.0#	126	0.02
81 T	1,2,4-Trichlorobenzene	0.420	0.449	-6.9	112	0.03

(#) = Out of Range

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