

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041066.D
 Acq On : 15 Feb 2024 11:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 16 04:06:14 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 Feb 16 04:05:22 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	111	0.02
2 T	Dichlorodifluoromethane	2.209	2.020	8.6	114	0.00
3	Chlorodifluoromethane	1.682	1.557	7.4	116	0.00
4	Chloromethane	0.630	0.594	5.7	118	0.00
5 T	Vinyl Chloride	0.618	0.600	2.9	112	0.01
6 T	Bromomethane	0.269	0.251	6.7	112	0.01
7	Chloroethane	0.223	0.207	7.2	114	0.01
8 T	Dichlorotetrafluoroethane	1.650	1.492	9.6	113	0.01
9 T	Propene	0.552	0.525	4.9	120	0.00
10 T	Heptane	1.358	1.336	1.6	116	0.02
11 T	Trichlorofluoromethane	1.780	1.580	11.2	108	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.290	1.146	11.2	109	0.02
13	Ethanol	0.131	0.122	6.9	124	0.00
14 T	Bromoethene	0.495	0.477	3.6	114	0.01
15 T	Acetone	1.279	1.099	14.1	116	0.01
16 T	1,3-Butadiene	0.612	0.574	6.2	112	0.01
17	tert-Butyl alcohol	1.049	0.963	8.2	102	0.02
18 T	1,1-Dichloroethene	0.552	0.509	7.8	111	0.01
19 T	Isopropyl Alcohol	0.740	0.685	7.4	109	0.02
20 T	Methylene Chloride	0.492	0.433	12.0	116	0.02
21 T	Allyl Chloride	0.777	0.724	6.8	111	0.02
22 T	trans-1,2-Dichloroethene	0.569	0.520	8.6	110	0.02
23 T	Vinyl Acetate	1.318	1.212	8.0	108	0.02
24 T	1,1-Dichloroethane	1.169	1.071	8.4	111	0.02
25 T	Ethyl Acetate	2.319	2.261	2.5	117	0.02
26 T	Hexane	0.988	0.989	-0.1	120	0.02
27 T	Carbon Disulfide	1.286	1.273	1.0	111	0.01
28 T	Methyl tert-Butyl Ether	0.820	0.722	12.0	105	0.02
29 T	Chloroform	1.753	1.677	4.3	117	0.02
30 T	Cyclohexane	0.828	0.854	-3.1	120	0.02
31 T	cis-1,2-Dichloroethene	0.928	1.010	-8.8	132	0.02
32 T	1,1,1-Trichloroethane	1.675	1.636	2.3	113	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.02
34 T	2-Butanone	0.476	0.492	-3.4	119	0.02
35 T	Carbon Tetrachloride	0.667	0.688	-3.1	115	0.02
36 T	Benzene	0.826	0.829	-0.4	116	0.02
37 T	1,2-Dichloroethane	0.504	0.487	3.4	111	0.02
38 T	Trichloroethene	0.331	0.326	1.5	116	0.02
39 T	1,2-Dichloropropane	0.325	0.324	0.3	116	0.02
40 T	1,4-Dioxane	0.135	0.133	1.5	113	0.02
41 T	Tetrahydrofuran	0.323	0.338	-4.6	114	0.02
42 T	Bromodichloromethane	0.721	0.729	-1.1	114	0.02
43	Methyl Methacrylate	0.319	0.342	-7.2	115	0.03
44 T	2,2,4-Trimethylpentane	1.390	1.370	1.4	116	0.02
45 T	t-1,3-Dichloropropene	0.218	0.270	-23.9	124	0.02
46 T	cis-1,3-Dichloropropene	0.272	0.323	-18.7	124	0.03
47 T	1,1,2-Trichloroethane	0.351	0.354	-0.9	115	0.02
48 T	Dibromochloromethane	0.593	0.623	-5.1	116	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.465	0.509	-9.5	115	0.03
50 T	4-Methyl-2-Pentanone	0.839	0.876	-4.4	115	0.02
51 T	2-Hexanone	0.605	0.635	-5.0	113	0.03
52 T	Tetrachloroethene	0.274	0.282	-2.9	114	0.02
53 T	Toluene	0.905	0.955	-5.5	116	0.02
54 T	1,2-Dibromoethane	0.475	0.507	-6.7	115	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.03
56	1,1,1,2-Tetrachloroethane	0.480	0.474	1.3	118	0.03
57 T	Chlorobenzene	0.804	0.778	3.2	118	0.03
58 T	Ethyl Benzene	1.343	1.354	-0.8	117	0.03
59 T	m/p-Xylene	1.171	1.159	1.0	117	0.03
60 T	o-Xylene	1.123	1.108	1.3	117	0.03
61 T	Styrene	0.516	0.572	-10.9	117	0.03
62	Isopropylbenzene	1.661	1.615	2.8	117	0.03
63 T	1,1,2,2-Tetrachloroethane	0.873	0.828	5.2	119	0.03
64	n-propylbenzene	0.420	0.424	-1.0	119	0.03
65	tert-Butylbenzene	1.451	1.415	2.5	116	0.03
66 T	Benzyl Chloride	0.095	0.101	-6.3	116	0.03
67	sec-Butylbenzene	2.113	2.001	5.3	116	0.03
68 S	1-Bromo-4-Fluorobenzene	0.755	0.784	-3.8	116	0.03
69	p-Isopropyltoluene	1.637	1.612	1.5	115	0.02
70	n-Butylbenzene	1.769	1.732	2.1	116	0.03
71	2-Chlorotoluene	1.282	1.260	1.7	116	0.03
72 T	4-Ethyltoluene	1.255	1.278	-1.8	118	0.03
73 T	1,3,5-Trimethylbenzene	1.113	1.111	0.2	118	0.03
74 T	1,2,4-Trimethylbenzene	1.262	1.208	4.3	115	0.03
75 T	1,3-Dichlorobenzene	0.718	0.700	2.5	118	0.03
76 T	1,4-Dichlorobenzene	0.709	0.684	3.5	117	0.03
77 T	1,2-Dichlorobenzene	0.714	0.681	4.6	116	0.02
78 T	Hexachloro-1,3-Butadiene	0.460	0.387	15.9	116	0.03
79 T	Naphthalene	0.720	0.898	-24.7	115	0.03
80 T	Naphthalene,2-methyl-	0.126	0.143	-13.5	101	0.02
81 T	1,2,4-Trichlorobenzene	0.420	0.430	-2.4	114	0.03

(#) = Out of Range

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