

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 15 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 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	99	0.03
2 T	Dichlorodifluoromethane	1.444	1.130	21.7	85	0.02
3	Chlorodifluoromethane	1.213	1.194	1.6	107	0.02
4	Chloromethane	0.667	0.663	0.6	107	0.02
5 T	Vinyl Chloride	0.578	0.644	-11.4	108	0.02
6 T	Bromomethane	0.287	0.247	13.9	89	0.02
7	Chloroethane	0.225	0.228	-1.3	106	0.02
8 T	Dichlorotetrafluoroethane	1.515	1.519	-0.3	105	0.02
9 T	Propene	0.512	0.574	-12.1	110	0.02
10 T	Heptane	1.198	1.365	-13.9	106	0.04
11 T	Trichlorofluoromethane	1.537	1.483	3.5	102	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.111	0.2	105	0.03
13	Ethanol	0.038	0.023#	39.5#	95	0.02
14 T	Bromoethene	0.422	0.453	-7.3	106	0.02
15 T	Acetone	1.255	1.141	9.1	110	0.03
16 T	1,3-Butadiene	0.611	0.645	-5.6	110	0.02
17	tert-Butyl alcohol	1.104	1.170	-6.0	106	0.03
18 T	1,1-Dichloroethene	0.471	0.499	-5.9	103	0.03
19 T	Isopropyl Alcohol	0.643	0.662	-3.0	105	0.03
20 T	Methylene Chloride	0.472	0.399	15.5	102	0.03
21 T	Allyl Chloride	0.728	0.797	-9.5	107	0.03
22 T	trans-1,2-Dichloroethene	0.470	0.496	-5.5	106	0.03
23 T	Vinyl Acetate	0.691	0.849	-22.9	121	0.03
24 T	1,1-Dichloroethane	1.036	1.094	-5.6	109	0.03
25 T	Ethyl Acetate	2.254	2.443	-8.4	106	0.04
26 T	Hexane	0.940	1.021	-8.6	109	0.03
27 T	Carbon Disulfide	0.999	1.191	-19.2	106	0.03
28 T	Methyl tert-Butyl Ether	0.579	0.633	-9.3	112	0.03
29 T	Chloroform	1.538	1.536	0.1	104	0.04
30 T	Cyclohexane	0.725	0.843	-16.3	106	0.04
31 T	cis-1,2-Dichloroethene	0.892	0.961	-7.7	105	0.04
32 T	1,1,1-Trichloroethane	1.370	1.506	-9.9	103	0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.04
34 T	2-Butanone	0.477	0.479	-0.4	99	0.04
35 T	Carbon Tetrachloride	0.491	0.566	-15.3	101	0.04
36 T	Benzene	0.694	0.783	-12.8	107	0.04
37 T	1,2-Dichloroethane	0.403	0.426	-5.7	104	0.04
38 T	Trichloroethene	0.358	0.381	-6.4	98	0.05
39 T	1,2-Dichloropropane	0.283	0.306	-8.1	108	0.04
40 T	1,4-Dioxane	0.107	0.122	-14.0	104	0.04
41 T	Tetrahydrofuran	0.262	0.328	-25.2	110	0.04
42 T	Bromodichloromethane	0.561	0.607	-8.2	103	0.04
43	Methyl Methacrylate	0.249	0.304	-22.1	105	0.04
44 T	2,2,4-Trimethylpentane	1.202	1.320	-9.8	106	0.04
45 T	t-1,3-Dichloropropene	0.200	0.233	-16.5	92	0.04
46 T	cis-1,3-Dichloropropene	0.294	0.336	-14.3	92	0.04
47 T	1,1,2-Trichloroethane	0.300	0.315	-5.0	103	0.05
48 T	Dibromochloromethane	0.455	0.511	-12.3	101	0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.440	-12.8	99	0.05
50 T	4-Methyl-2-Pentanone	0.736	0.864	-17.4	106	0.04
51 T	2-Hexanone	0.557	0.684	-22.8	105	0.04
52 T	Tetrachloroethene	0.251	0.283	-12.7	103	0.05
53 T	Toluene	0.737	0.886	-20.2	103	0.05
54 T	1,2-Dibromoethane	0.369	0.425	-15.2	101	0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.05
56	1,1,1,2-Tetrachloroethane	0.390	0.389	0.3	102	0.05
57 T	Chlorobenzene	0.721	0.691	4.2	100	0.05
58 T	Ethyl Benzene	1.070	1.205	-12.6	102	0.05
59 T	m/p-Xylene	0.953	1.017	-6.7	101	0.05
60 T	o-Xylene	0.913	0.976	-6.9	100	0.05
61 T	Styrene	0.382	0.469	-22.8	99	0.05
62	Isopropylbenzene	1.384	1.422	-2.7	101	0.05
63 T	1,1,2,2-Tetrachloroethane	0.467	0.504	-7.9	109	0.05
64	n-propylbenzene	0.357	0.380	-6.4	100	0.05
65	tert-Butylbenzene	1.269	1.268	0.1	100	0.05
66 T	Benzyl Chloride	0.066	0.067	-1.5	98	0.05
67	sec-Butylbenzene	1.760	1.773	-0.7	99	0.05
68 S	1-Bromo-4-Fluorobenzene	0.736	0.728	1.1	97	0.05
69	p-Isopropyltoluene	1.425	1.471	-3.2	98	0.05
70	n-Butylbenzene	1.492	1.512	-1.3	98	0.05
71	2-Chlorotoluene	1.018	1.064	-4.5	100	0.05
72 T	4-Ethyltoluene	1.068	1.161	-8.7	99	0.05
73 T	1,3,5-Trimethylbenzene	0.943	0.994	-5.4	99	0.05
74 T	1,2,4-Trimethylbenzene	1.104	1.100	0.4	99	0.05
75 T	1,3-Dichlorobenzene	0.692	0.661	4.5	96	0.05
76 T	1,4-Dichlorobenzene	0.663	0.634	4.4	95	0.05
77 T	1,2-Dichlorobenzene	0.683	0.640	6.3	96	0.05
78 T	Hexachloro-1,3-Butadiene	0.563	0.448	20.4	90	0.05
79 T	Naphthalene	0.812	0.856	-5.4	82	0.05
80 T	Naphthalene,2-methyl-	0.569	0.295	48.2#	39	0.04
81 T	1,2,4-Trichlorobenzene	0.516	0.458	11.2	83	0.05

(#) = Out of Range

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