

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041634.D
 Acq On : 10 Oct 2024 9:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 11 05:35:58 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	97	0.00
2 T	Dichlorodifluoromethane	1.444	1.012	29.9	75	0.00
3	Chlorodifluoromethane	1.213	1.155	4.8	101	0.00
4	Chloromethane	0.667	0.638	4.3	101	0.00
5 T	Vinyl Chloride	0.578	0.620	-7.3	102	0.00
6 T	Bromomethane	0.287	0.289	-0.7	102	0.00
7	Chloroethane	0.225	0.221	1.8	100	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.482	2.2	101	0.00
9 T	Propene	0.512	0.537	-4.9	101	0.00
10 T	Heptane	1.198	1.339	-11.8	102	0.00
11 T	Trichlorofluoromethane	1.537	1.474	4.1	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.120	-0.6	104	0.00
13	Ethanol	0.038	0.018#	52.6#	74	0.00
14 T	Bromoethene	0.422	0.443	-5.0	101	0.00
15 T	Acetone	1.255	1.119	10.8	105	0.00
16 T	1,3-Butadiene	0.611	0.606	0.8	101	0.00
17	tert-Butyl alcohol	1.104	1.067	3.4	95	0.00
18 T	1,1-Dichloroethene	0.471	0.494	-4.9	100	0.00
19 T	Isopropyl Alcohol	0.643	0.551	14.3	85	0.00
20 T	Methylene Chloride	0.472	0.416	11.9	104	0.00
21 T	Allyl Chloride	0.728	0.775	-6.5	102	0.00
22 T	trans-1,2-Dichloroethene	0.470	0.511	-8.7	107	0.00
23 T	Vinyl Acetate	0.691	0.809	-17.1	113	0.00
24 T	1,1-Dichloroethane	1.036	1.082	-4.4	106	0.00
25 T	Ethyl Acetate	2.254	2.402	-6.6	102	0.00
26 T	Hexane	0.940	0.973	-3.5	102	0.00
27 T	Carbon Disulfide	0.999	1.201	-20.2	105	0.00
28 T	Methyl tert-Butyl Ether	0.579	0.634	-9.5	110	0.00
29 T	Chloroform	1.538	1.519	1.2	101	0.00
30 T	Cyclohexane	0.725	0.826	-13.9	102	0.00
31 T	cis-1,2-Dichloroethene	0.892	0.934	-4.7	100	0.00
32 T	1,1,1-Trichloroethane	1.370	1.502	-9.6	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.01
34 T	2-Butanone	0.477	0.454	4.8	92	0.00
35 T	Carbon Tetrachloride	0.491	0.567	-15.5	100	0.00
36 T	Benzene	0.694	0.763	-9.9	102	0.00
37 T	1,2-Dichloroethane	0.403	0.423	-5.0	101	0.00
38 T	Trichloroethene	0.358	0.400	-11.7	101	0.01
39 T	1,2-Dichloropropane	0.283	0.293	-3.5	102	0.01
40 T	1,4-Dioxane	0.107	0.119	-11.2	100	0.00
41 T	Tetrahydrofuran	0.262	0.311	-18.7	103	0.00
42 T	Bromodichloromethane	0.561	0.610	-8.7	102	0.00
43	Methyl Methacrylate	0.249	0.296	-18.9	101	0.01
44 T	2,2,4-Trimethylpentane	1.202	1.286	-7.0	102	0.00
45 T	t-1,3-Dichloropropene	0.200	0.266	-33.0#	103	0.00
46 T	cis-1,3-Dichloropropene	0.294	0.375	-27.6	101	0.00
47 T	1,1,2-Trichloroethane	0.300	0.316	-5.3	101	0.02
48 T	Dibromochloromethane	0.455	0.519	-14.1	101	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.455	-16.7	101	0.01
50 T	4-Methyl-2-Pentanone	0.736	0.849	-15.4	102	0.01
51 T	2-Hexanone	0.557	0.671	-20.5	102	0.01
52 T	Tetrachloroethene	0.251	0.283	-12.7	101	0.02
53 T	Toluene	0.737	0.881	-19.5	101	0.00
54 T	1,2-Dibromoethane	0.369	0.427	-15.7	100	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.390	0.402	-3.1	102	0.00
57 T	Chlorobenzene	0.721	0.718	0.4	100	0.01
58 T	Ethyl Benzene	1.070	1.235	-15.4	101	0.01
59 T	m/p-Xylene	0.953	1.046	-9.8	100	0.01
60 T	o-Xylene	0.913	1.014	-11.1	101	0.02
61 T	Styrene	0.382	0.493	-29.1	101	0.01
62	Isopropylbenzene	1.384	1.460	-5.5	100	0.02
63 T	1,1,2,2-Tetrachloroethane	0.467	0.483	-3.4	101	0.01
64	n-propylbenzene	0.357	0.391	-9.5	100	0.00
65	tert-Butylbenzene	1.269	1.314	-3.5	100	0.02
66 T	Benzyl Chloride	0.066	0.079	-19.7	113	0.00
67	sec-Butylbenzene	1.760	1.851	-5.2	100	0.01
68 S	1-Bromo-4-Fluorobenzene	0.736	0.733	0.4	94	0.02
69	p-Isopropyltoluene	1.425	1.534	-7.6	99	0.01
70	n-Butylbenzene	1.492	1.586	-6.3	100	0.01
71	2-Chlorotoluene	1.018	1.105	-8.5	101	0.02
72 T	4-Ethyltoluene	1.068	1.200	-12.4	100	0.01
73 T	1,3,5-Trimethylbenzene	0.943	1.031	-9.3	100	0.02
74 T	1,2,4-Trimethylbenzene	1.104	1.151	-4.3	101	0.01
75 T	1,3-Dichlorobenzene	0.692	0.702	-1.4	99	0.02
76 T	1,4-Dichlorobenzene	0.663	0.682	-2.9	99	0.01
77 T	1,2-Dichlorobenzene	0.683	0.683	0.0	99	0.02
78 T	Hexachloro-1,3-Butadiene	0.563	0.485	13.9	94	0.01
79 T	Naphthalene	0.812	0.962	-18.5	89	0.02
80 T	Naphthalene,2-methyl-	0.569	0.423	25.7	54	0.02
81 T	1,2,4-Trichlorobenzene	0.516	0.499	3.3	88	0.02

(#) = Out of Range

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