

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041632.D
 Acq On : 26 Sep 2024 7:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 26 08:38:49 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	91	0.00
2 T	Dichlorodifluoromethane	1.444	1.039	28.0	72	0.00
3	Chlorodifluoromethane	1.213	1.231	-1.5	101	0.00
4	Chloromethane	0.667	0.672	-0.7	100	0.00
5 T	Vinyl Chloride	0.578	0.675	-16.8	104	0.00
6 T	Bromomethane	0.287	0.253	11.8	84	0.00
7	Chloroethane	0.225	0.240	-6.7	102	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.591	-5.0	101	0.00
9 T	Propene	0.512	0.575	-12.3	102	0.00
10 T	Heptane	1.198	1.404	-17.2	100	0.00
11 T	Trichlorofluoromethane	1.537	1.549	-0.8	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.159	-4.1	101	0.00
13	Ethanol	0.038	0.028#	26.3	106	0.00
14 T	Bromoethene	0.422	0.479	-13.5	103	0.00
15 T	Acetone	1.255	1.159	7.6	102	0.00
16 T	1,3-Butadiene	0.611	0.648	-6.1	101	0.00
17	tert-Butyl alcohol	1.104	1.199	-8.6	100	0.00
18 T	1,1-Dichloroethene	0.471	0.507	-7.6	96	0.00
19 T	Isopropyl Alcohol	0.643	0.648	-0.8	94	0.00
20 T	Methylene Chloride	0.472	0.433	8.3	101	0.00
21 T	Allyl Chloride	0.728	0.808	-11.0	100	0.00
22 T	trans-1,2-Dichloroethene	0.470	0.511	-8.7	101	0.00
23 T	Vinyl Acetate	0.691	0.865	-25.2	114	0.00
24 T	1,1-Dichloroethane	1.036	1.125	-8.6	103	0.00
25 T	Ethyl Acetate	2.254	2.512	-11.4	100	0.00
26 T	Hexane	0.940	1.049	-11.6	103	0.00
27 T	Carbon Disulfide	0.999	1.236	-23.7	101	0.00
28 T	Methyl tert-Butyl Ether	0.579	0.655	-13.1	107	0.00
29 T	Chloroform	1.538	1.624	-5.6	101	0.00
30 T	Cyclohexane	0.725	0.871	-20.1	101	0.00
31 T	cis-1,2-Dichloroethene	0.892	0.997	-11.8	100	0.00
32 T	1,1,1-Trichloroethane	1.370	1.594	-16.4	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.477	0.461	3.4	88	0.00
35 T	Carbon Tetrachloride	0.491	0.599	-22.0	99	0.00
36 T	Benzene	0.694	0.805	-16.0	101	0.00
37 T	1,2-Dichloroethane	0.403	0.446	-10.7	100	0.00
38 T	Trichloroethene	0.358	0.409	-14.2	97	0.01
39 T	1,2-Dichloropropane	0.283	0.312	-10.2	102	0.00
40 T	1,4-Dioxane	0.107	0.132	-23.4	104	0.00
41 T	Tetrahydrofuran	0.262	0.323	-23.3	100	0.00
42 T	Bromodichloromethane	0.561	0.636	-13.4	100	0.00
43	Methyl Methacrylate	0.249	0.313	-25.7	100	0.01
44 T	2,2,4-Trimethylpentane	1.202	1.368	-13.8	101	0.00
45 T	t-1,3-Dichloropropene	0.200	0.239	-19.5	87	0.01
46 T	cis-1,3-Dichloropropene	0.294	0.349	-18.7	89	0.00
47 T	1,1,2-Trichloroethane	0.300	0.332	-10.7	100	0.01
48 T	Dibromochloromethane	0.455	0.538	-18.2	98	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.466	-19.5	97	0.01
50 T	4-Methyl-2-Pentanone	0.736	0.895	-21.6	101	0.00
51 T	2-Hexanone	0.557	0.711	-27.6	101	0.01
52 T	Tetrachloroethene	0.251	0.295	-17.5	99	0.01
53 T	Toluene	0.737	0.927	-25.8	100	0.00
54 T	1,2-Dibromoethane	0.369	0.440	-19.2	97	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.01
56	1,1,1,2-Tetrachloroethane	0.390	0.429	-10.0	100	0.00
57 T	Chlorobenzene	0.721	0.758	-5.1	97	0.02
58 T	Ethyl Benzene	1.070	1.318	-23.2	99	0.01
59 T	m/p-Xylene	0.953	1.116	-17.1	98	0.02
60 T	o-Xylene	0.913	1.073	-17.5	98	0.02
61 T	Styrene	0.382	0.519	-35.9#	97	0.02
62	Isopropylbenzene	1.384	1.558	-12.6	98	0.02
63 T	1,1,2,2-Tetrachloroethane	0.467	0.560	-19.9	108	0.02
64	n-propylbenzene	0.357	0.417	-16.8	98	0.01
65	tert-Butylbenzene	1.269	1.394	-9.9	97	0.02
66 T	Benzyl Chloride	0.066	0.078	-18.2	102	0.02
67	sec-Butylbenzene	1.760	1.955	-11.1	97	0.01
68 S	1-Bromo-4-Fluorobenzene	0.736	0.755	-2.6	89	0.02
69	p-Isopropyltoluene	1.425	1.632	-14.5	97	0.02
70	n-Butylbenzene	1.492	1.672	-12.1	97	0.01
71	2-Chlorotoluene	1.018	1.165	-14.4	98	0.02
72 T	4-Ethyltoluene	1.068	1.279	-19.8	97	0.02
73 T	1,3,5-Trimethylbenzene	0.943	1.091	-15.7	97	0.02
74 T	1,2,4-Trimethylbenzene	1.104	1.208	-9.4	97	0.01
75 T	1,3-Dichlorobenzene	0.692	0.727	-5.1	94	0.02
76 T	1,4-Dichlorobenzene	0.663	0.706	-6.5	94	0.02
77 T	1,2-Dichlorobenzene	0.683	0.705	-3.2	94	0.01
78 T	Hexachloro-1,3-Butadiene	0.563	0.501	11.0	90	0.02
79 T	Naphthalene	0.812	0.990	-21.9	84	0.02
80 T	Naphthalene,2-methyl-	0.569	0.379	33.4#	44	0.02
81 T	1,2,4-Trichlorobenzene	0.516	0.525	-1.7	85	0.02

(#) = Out of Range

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