

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041011.D
 Acq On : 24 Jan 2024 11:24
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 25 03:16:19 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 : Thu Jan 25 03:13:06 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	100	0.00
2 T	Dichlorodifluoromethane	2.209	1.784	19.2	91	0.00
3	Chlorodifluoromethane	1.682	1.511	10.2	102	0.00
4	Chloromethane	0.630	0.580	7.9	104	0.00
5 T	Vinyl Chloride	0.618	0.597	3.4	101	0.00
6 T	Bromomethane	0.269	0.255	5.2	104	0.00
7	Chloroethane	0.223	0.215	3.6	107	0.00
8 T	Dichlorotetrafluoroethane	1.650	1.468	11.0	101	0.00
9 T	Propene	0.552	0.515	6.7	106	0.00
10 T	Heptane	1.358	1.292	4.9	101	0.00
11 T	Trichlorofluoromethane	1.780	1.621	8.9	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.290	1.155	10.5	100	0.00
13	Ethanol	0.131	0.107	18.3	99	0.00
14 T	Bromoethene	0.495	0.478	3.4	103	0.00
15 T	Acetone	1.279	1.094	14.5	105	0.00
16 T	1,3-Butadiene	0.612	0.569	7.0	100	0.00
17	tert-Butyl alcohol	1.049	0.997	5.0	95	0.00
18 T	1,1-Dichloroethene	0.552	0.517	6.3	102	0.00
19 T	Isopropyl Alcohol	0.740	0.657	11.2	95	0.00
20 T	Methylene Chloride	0.492	0.429	12.8	104	0.00
21 T	Allyl Chloride	0.777	0.739	4.9	103	0.00
22 T	trans-1,2-Dichloroethene	0.569	0.532	6.5	101	0.00
23 T	Vinyl Acetate	1.318	1.317	0.1	106	0.00
24 T	1,1-Dichloroethane	1.169	1.084	7.3	102	0.00
25 T	Ethyl Acetate	2.319	2.170	6.4	101	0.00
26 T	Hexane	0.988	0.939	5.0	103	0.00
27 T	Carbon Disulfide	1.286	1.292	-0.5	102	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.767	6.5	101	0.00
29 T	Chloroform	1.753	1.626	7.2	102	0.00
30 T	Cyclohexane	0.828	0.820	1.0	104	0.00
31 T	cis-1,2-Dichloroethene	0.928	0.830	10.6	98	0.00
32 T	1,1,1-Trichloroethane	1.675	1.606	4.1	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.476	0.465	2.3	103	0.00
35 T	Carbon Tetrachloride	0.667	0.667	0.0	102	0.00
36 T	Benzene	0.826	0.793	4.0	102	0.00
37 T	1,2-Dichloroethane	0.504	0.484	4.0	102	0.00
38 T	Trichloroethene	0.331	0.313	5.4	102	0.00
39 T	1,2-Dichloropropane	0.325	0.308	5.2	101	0.00
40 T	1,4-Dioxane	0.135	0.121	10.4	95	0.00
41 T	Tetrahydrofuran	0.323	0.323	0.0	100	0.00
42 T	Bromodichloromethane	0.721	0.704	2.4	101	0.00
43	Methyl Methacrylate	0.319	0.334	-4.7	103	0.00
44 T	2,2,4-Trimethylpentane	1.390	1.300	6.5	101	0.00
45 T	t-1,3-Dichloropropene	0.218	0.246	-12.8	104	0.00
46 T	cis-1,3-Dichloropropene	0.272	0.290	-6.6	103	0.00
47 T	1,1,2-Trichloroethane	0.351	0.335	4.6	100	0.00
48 T	Dibromochloromethane	0.593	0.602	-1.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.465	0.492	-5.8	102	0.00
50 T	4-Methyl-2-Pentanone	0.839	0.844	-0.6	102	0.00
51 T	2-Hexanone	0.605	0.622	-2.8	102	0.00
52 T	Tetrachloroethene	0.274	0.275	-0.4	102	0.00
53 T	Toluene	0.905	0.912	-0.8	102	0.00
54 T	1,2-Dibromoethane	0.475	0.487	-2.5	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.480	0.465	3.1	103	0.00
57 T	Chlorobenzene	0.804	0.771	4.1	104	0.00
58 T	Ethyl Benzene	1.343	1.326	1.3	102	0.00
59 T	m/p-Xylene	1.171	1.138	2.8	102	0.00
60 T	o-Xylene	1.123	1.090	2.9	102	0.00
61 T	Styrene	0.516	0.565	-9.5	103	0.00
62	Isopropylbenzene	1.661	1.588	4.4	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.873	0.803	8.0	103	0.00
64	n-propylbenzene	0.420	0.410	2.4	103	0.00
65	tert-Butylbenzene	1.451	1.404	3.2	103	0.00
66 T	Benzyl Chloride	0.095	0.102	-7.4	105	0.00
67	sec-Butylbenzene	2.113	1.985	6.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.755	0.766	-1.5	101	0.00
69	p-Isopropyltoluene	1.637	1.604	2.0	102	0.00
70	n-Butylbenzene	1.769	1.698	4.0	102	0.00
71	2-Chlorotoluene	1.282	1.236	3.6	101	0.00
72 T	4-Ethyltoluene	1.255	1.256	-0.1	103	0.00
73 T	1,3,5-Trimethylbenzene	1.113	1.082	2.8	102	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.195	5.3	102	0.00
75 T	1,3-Dichlorobenzene	0.718	0.689	4.0	103	0.00
76 T	1,4-Dichlorobenzene	0.709	0.665	6.2	101	0.00
77 T	1,2-Dichlorobenzene	0.714	0.667	6.6	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.460	0.385	16.3	103	0.00
79 T	Naphthalene	0.720	0.903	-25.4	103	0.00
80 T	Naphthalene,2-methyl-	0.126	0.182	-44.4#	115	0.00
81 T	1,2,4-Trichlorobenzene	0.420	0.435	-3.6	102	0.00

(#) = Out of Range

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