

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041503.D
 Acq On : 8 Aug 2024 8:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 09 05:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 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	81	-0.01
2 T	Dichlorodifluoromethane	1.720	1.213	29.5	69	-0.02
3	Chlorodifluoromethane	1.190	1.226	-3.0	93	-0.02
4	Chloromethane	0.633	0.658	-3.9	95	-0.02
5 T	Vinyl Chloride	0.624	0.661	-5.9	94	-0.02
6 T	Bromomethane	0.321	0.349	-8.7	96	-0.02
7	Chloroethane	0.215	0.224	-4.2	90	-0.02
8 T	Dichlorotetrafluoroethane	1.524	1.544	-1.3	91	-0.02
9 T	Propene	0.547	0.556	-1.6	92	-0.02
10 T	Heptane	1.229	1.375	-11.9	93	0.00
11 T	Trichlorofluoromethane	1.528	1.546	-1.2	91	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.124	-2.2	91	-0.01
13	Ethanol	0.049	0.043#	12.2	100	-0.02
14 T	Bromoethene	0.429	0.451	-5.1	89	-0.02
15 T	Acetone	1.136	1.164	-2.5	95	-0.02
16 T	1,3-Butadiene	0.607	0.653	-7.6	95	-0.02
17	tert-Butyl alcohol	1.036	1.156	-11.6	89	-0.02
18 T	1,1-Dichloroethene	0.471	0.513	-8.9	91	-0.02
19 T	Isopropyl Alcohol	0.664	0.707	-6.5	89	-0.02
20 T	Methylene Chloride	0.424	0.424	0.0	92	-0.02
21 T	Allyl Chloride	0.745	0.815	-9.4	91	-0.02
22 T	trans-1,2-Dichloroethene	0.471	0.504	-7.0	91	-0.01
23 T	Vinyl Acetate	0.868	1.034	-19.1	95	-0.01
24 T	1,1-Dichloroethane	1.022	1.078	-5.5	93	-0.01
25 T	Ethyl Acetate	2.257	2.436	-7.9	93	-0.01
26 T	Hexane	0.936	1.010	-7.9	92	-0.01
27 T	Carbon Disulfide	1.095	1.227	-12.1	89	-0.02
28 T	Methyl tert-Butyl Ether	0.591	0.628	-6.3	92	-0.01
29 T	Chloroform	1.527	1.593	-4.3	91	-0.01
30 T	Cyclohexane	0.763	0.865	-13.4	92	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.997	-7.8	91	-0.01
32 T	1,1,1-Trichloroethane	1.487	1.571	-5.6	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.484	0.528	-9.1	91	-0.01
35 T	Carbon Tetrachloride	0.552	0.605	-9.6	89	-0.01
36 T	Benzene	0.731	0.795	-8.8	91	0.00
37 T	1,2-Dichloroethane	0.409	0.446	-9.0	92	-0.01
38 T	Trichloroethene	0.335	0.358	-6.9	91	0.00
39 T	1,2-Dichloropropane	0.280	0.306	-9.3	93	0.00
40 T	1,4-Dioxane	0.112	0.129	-15.2	91	0.00
41 T	Tetrahydrofuran	0.277	0.325	-17.3	95	0.00
42 T	Bromodichloromethane	0.591	0.648	-9.6	91	0.00
43	Methyl Methacrylate	0.262	0.317	-21.0	91	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.339	-9.8	93	0.00
45 T	t-1,3-Dichloropropene	0.241	0.320	-32.8#	90	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.431	-23.9	91	0.00
47 T	1,1,2-Trichloroethane	0.308	0.334	-8.4	92	0.00
48 T	Dibromochloromethane	0.497	0.557	-12.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.492	-17.1	89	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.894	-17.2	93	0.00
51 T	2-Hexanone	0.577	0.726	-25.8	92	0.00
52 T	Tetrachloroethene	0.282	0.305	-8.2	91	0.00
53 T	Toluene	0.814	0.935	-14.9	91	0.00
54 T	1,2-Dibromoethane	0.410	0.482	-17.6	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.400	-3.1	90	0.00
57 T	Chlorobenzene	0.712	0.724	-1.7	91	0.00
58 T	Ethyl Benzene	1.153	1.258	-9.1	92	0.00
59 T	m/p-Xylene	0.995	1.067	-7.2	91	0.00
60 T	o-Xylene	0.941	1.019	-8.3	92	0.00
61 T	Styrene	0.425	0.499	-17.4	90	0.00
62	Isopropylbenzene	1.431	1.494	-4.4	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.629	-5.9	93	0.00
64	n-propylbenzene	0.374	0.400	-7.0	91	0.00
65	tert-Butylbenzene	1.292	1.343	-3.9	91	0.00
66 T	Benzyl Chloride	0.083	0.103	-24.1	94	0.00
67	sec-Butylbenzene	1.781	1.880	-5.6	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.755	1.9	81	0.00
69	p-Isopropyltoluene	1.478	1.579	-6.8	91	0.00
70	n-Butylbenzene	1.515	1.627	-7.4	92	0.00
71	2-Chlorotoluene	1.055	1.124	-6.5	91	0.00
72 T	4-Ethyltoluene	1.108	1.223	-10.4	90	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.052	-10.2	91	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.167	-5.1	91	0.00
75 T	1,3-Dichlorobenzene	0.698	0.731	-4.7	91	0.00
76 T	1,4-Dichlorobenzene	0.676	0.713	-5.5	91	0.00
77 T	1,2-Dichlorobenzene	0.692	0.707	-2.2	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.539	8.6	91	0.00
79 T	Naphthalene	0.980	1.202	-22.7	90	0.00
80 T	Naphthalene,2-methyl-	0.821	1.026	-25.0	87	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.631	-8.2	90	0.00

(#) = Out of Range

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