

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041451.D
 Acq On : 30 Jul 2024 5:53
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 30 06:50:18 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 Jul 30 02:42:20 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	89	0.02
2 T	Dichlorodifluoromethane	1.720	1.529	11.1	95	0.03
3	Chlorodifluoromethane	1.190	1.218	-2.4	101	0.03
4	Chloromethane	0.633	0.624	1.4	98	0.03
5 T	Vinyl Chloride	0.624	0.637	-2.1	99	0.03
6 T	Bromomethane	0.321	0.344	-7.2	103	0.03
7	Chloroethane	0.215	0.215	0.0	94	0.03
8 T	Dichlorotetrafluoroethane	1.524	1.525	-0.1	98	0.03
9 T	Propene	0.547	0.524	4.2	95	0.03
10 T	Heptane	1.229	1.329	-8.1	98	0.01
11 T	Trichlorofluoromethane	1.528	1.512	1.0	97	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.078	2.0	96	0.02
13	Ethanol	0.049	0.095	-93.9#	239#	0.02
14 T	Bromoethene	0.429	0.448	-4.4	96	0.02
15 T	Acetone	1.136	1.148	-1.1	102	0.02
16 T	1,3-Butadiene	0.607	0.622	-2.5	99	0.03
17	tert-Butyl alcohol	1.036	1.128	-8.9	95	0.02
18 T	1,1-Dichloroethene	0.471	0.498	-5.7	97	0.02
19 T	Isopropyl Alcohol	0.664	0.729	-9.8	100	0.02
20 T	Methylene Chloride	0.424	0.390	8.0	93	0.02
21 T	Allyl Chloride	0.745	0.775	-4.0	95	0.02
22 T	trans-1,2-Dichloroethene	0.471	0.494	-4.9	98	0.02
23 T	Vinyl Acetate	0.868	1.105	-27.3	111	0.02
24 T	1,1-Dichloroethane	1.022	1.034	-1.2	97	0.02
25 T	Ethyl Acetate	2.257	2.376	-5.3	99	0.02
26 T	Hexane	0.936	0.995	-6.3	99	0.02
27 T	Carbon Disulfide	1.095	1.148	-4.8	91	0.02
28 T	Methyl tert-Butyl Ether	0.591	0.613	-3.7	98	0.02
29 T	Chloroform	1.527	1.525	0.1	96	0.02
30 T	Cyclohexane	0.763	0.848	-11.1	98	0.01
31 T	cis-1,2-Dichloroethene	0.925	0.996	-7.7	99	0.02
32 T	1,1,1-Trichloroethane	1.487	1.500	-0.9	95	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.01
34 T	2-Butanone	0.484	0.536	-10.7	100	0.02
35 T	Carbon Tetrachloride	0.552	0.579	-4.9	93	0.01
36 T	Benzene	0.731	0.781	-6.8	97	0.02
37 T	1,2-Dichloroethane	0.409	0.436	-6.6	97	0.02
38 T	Trichloroethene	0.335	0.313	6.6	85	0.01
39 T	1,2-Dichloropropane	0.280	0.301	-7.5	99	0.01
40 T	1,4-Dioxane	0.112	0.123	-9.8	94	0.01
41 T	Tetrahydrofuran	0.277	0.321	-15.9	101	0.01
42 T	Bromodichloromethane	0.591	0.618	-4.6	94	0.01
43	Methyl Methacrylate	0.262	0.317	-21.0	98	0.01
44 T	2,2,4-Trimethylpentane	1.220	1.302	-6.7	98	0.01
45 T	t-1,3-Dichloropropene	0.241	0.331	-37.3#	101	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.436	-25.3	100	0.00
47 T	1,1,2-Trichloroethane	0.308	0.323	-4.9	96	0.00
48 T	Dibromochloromethane	0.497	0.527	-6.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.459	-9.3	90	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.857	-12.3	97	0.00
51 T	2-Hexanone	0.577	0.705	-22.2	97	0.00
52 T	Tetrachloroethene	0.282	0.295	-4.6	95	0.00
53 T	Toluene	0.814	0.913	-12.2	96	0.00
54 T	1,2-Dibromoethane	0.410	0.465	-13.4	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.382	1.5	95	0.00
57 T	Chlorobenzene	0.712	0.681	4.4	94	0.00
58 T	Ethyl Benzene	1.153	1.184	-2.7	95	0.00
59 T	m/p-Xylene	0.995	1.001	-0.6	94	0.00
60 T	o-Xylene	0.941	0.955	-1.5	94	0.00
61 T	Styrene	0.425	0.478	-12.5	95	0.00
62	Isopropylbenzene	1.431	1.417	1.0	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.656	-10.4	106	0.00
64	n-propylbenzene	0.374	0.380	-1.6	95	0.00
65	tert-Butylbenzene	1.292	1.264	2.2	94	0.00
66 T	Benzyl Chloride	0.083	0.133	-60.2#	133	0.00
67	sec-Butylbenzene	1.781	1.763	1.0	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.741	3.8	87	0.00
69	p-Isopropyltoluene	1.478	1.489	-0.7	94	0.00
70	n-Butylbenzene	1.515	1.532	-1.1	95	0.00
71	2-Chlorotoluene	1.055	1.067	-1.1	95	0.00
72 T	4-Ethyltoluene	1.108	1.149	-3.7	93	0.00
73 T	1,3,5-Trimethylbenzene	0.955	0.976	-2.2	92	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.079	2.8	93	0.00
75 T	1,3-Dichlorobenzene	0.698	0.671	3.9	92	0.00
76 T	1,4-Dichlorobenzene	0.676	0.663	1.9	93	0.00
77 T	1,2-Dichlorobenzene	0.692	0.649	6.2	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.527	10.7	97	0.00
79 T	Naphthalene	0.980	1.184	-20.8	97	0.00
80 T	Naphthalene,2-methyl-	0.821	0.558	32.0#	52	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.621	-6.5	98	0.00

(#) = Out of Range

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