

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041492.D
 Acq On : 5 Aug 2024 8:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 06 01:34:34 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	84	0.00
2 T	Dichlorodifluoromethane	1.720	1.207	29.8	71	0.00
3	Chlorodifluoromethane	1.190	1.196	-0.5	94	0.00
4	Chloromethane	0.633	0.628	0.8	94	0.00
5 T	Vinyl Chloride	0.624	0.632	-1.3	93	0.00
6 T	Bromomethane	0.321	0.331	-3.1	95	0.00
7	Chloroethane	0.215	0.220	-2.3	92	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.504	1.3	92	0.00
9 T	Propene	0.547	0.523	4.4	90	0.00
10 T	Heptane	1.229	1.343	-9.3	94	0.00
11 T	Trichlorofluoromethane	1.528	1.515	0.9	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.102	-0.2	93	0.00
13	Ethanol	0.049	0.039#	20.4	94	0.00
14 T	Bromoethene	0.429	0.445	-3.7	91	0.00
15 T	Acetone	1.136	1.124	1.1	95	0.00
16 T	1,3-Butadiene	0.607	0.629	-3.6	95	0.00
17	tert-Butyl alcohol	1.036	1.117	-7.8	89	0.00
18 T	1,1-Dichloroethene	0.471	0.497	-5.5	92	0.00
19 T	Isopropyl Alcohol	0.664	0.698	-5.1	91	0.00
20 T	Methylene Chloride	0.424	0.404	4.7	92	0.00
21 T	Allyl Chloride	0.745	0.782	-5.0	91	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.500	-6.2	94	0.00
23 T	Vinyl Acetate	0.868	1.002	-15.4	96	0.00
24 T	1,1-Dichloroethane	1.022	1.053	-3.0	94	0.00
25 T	Ethyl Acetate	2.257	2.392	-6.0	95	0.00
26 T	Hexane	0.936	0.986	-5.3	93	0.00
27 T	Carbon Disulfide	1.095	1.168	-6.7	88	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.609	-3.0	93	0.00
29 T	Chloroform	1.527	1.554	-1.8	93	0.00
30 T	Cyclohexane	0.763	0.865	-13.4	95	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.986	-6.6	93	0.00
32 T	1,1,1-Trichloroethane	1.487	1.522	-2.4	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.484	0.526	-8.7	95	0.00
35 T	Carbon Tetrachloride	0.552	0.588	-6.5	90	0.00
36 T	Benzene	0.731	0.777	-6.3	93	0.00
37 T	1,2-Dichloroethane	0.409	0.436	-6.6	93	0.00
38 T	Trichloroethene	0.335	0.351	-4.8	92	0.00
39 T	1,2-Dichloropropane	0.280	0.300	-7.1	95	0.00
40 T	1,4-Dioxane	0.112	0.114	-1.8	84	0.00
41 T	Tetrahydrofuran	0.277	0.309	-11.6	94	0.00
42 T	Bromodichloromethane	0.591	0.629	-6.4	92	0.00
43	Methyl Methacrylate	0.262	0.307	-17.2	91	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.299	-6.5	94	0.00
45 T	t-1,3-Dichloropropene	0.241	0.315	-30.7#	92	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.424	-21.8	93	0.00
47 T	1,1,2-Trichloroethane	0.308	0.323	-4.9	92	0.00
48 T	Dibromochloromethane	0.497	0.544	-9.5	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.483	-15.0	91	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.865	-13.4	94	0.00
51 T	2-Hexanone	0.577	0.710	-23.1	94	0.00
52 T	Tetrachloroethene	0.282	0.295	-4.6	92	0.00
53 T	Toluene	0.814	0.915	-12.4	93	0.00
54 T	1,2-Dibromoethane	0.410	0.467	-13.9	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	91	0.00
57 T	Chlorobenzene	0.712	0.698	2.0	92	0.00
58 T	Ethyl Benzene	1.153	1.211	-5.0	93	0.00
59 T	m/p-Xylene	0.995	1.023	-2.8	92	0.00
60 T	o-Xylene	0.941	0.980	-4.1	93	0.00
61 T	Styrene	0.425	0.486	-14.4	92	0.00
62	Isopropylbenzene	1.431	1.434	-0.2	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.603	-1.5	94	0.00
64	n-propylbenzene	0.374	0.384	-2.7	92	0.00
65	tert-Butylbenzene	1.292	1.289	0.2	92	0.00
66 T	Benzyl Chloride	0.083	0.100	-20.5	96	0.00
67	sec-Butylbenzene	1.781	1.804	-1.3	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.701	9.0	79	0.00
69	p-Isopropyltoluene	1.478	1.516	-2.6	92	0.00
70	n-Butylbenzene	1.515	1.572	-3.8	93	0.00
71	2-Chlorotoluene	1.055	1.084	-2.7	92	0.00
72 T	4-Ethyltoluene	1.108	1.187	-7.1	92	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.015	-6.3	92	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.132	-2.0	93	0.00
75 T	1,3-Dichlorobenzene	0.698	0.703	-0.7	92	0.00
76 T	1,4-Dichlorobenzene	0.676	0.693	-2.5	93	0.00
77 T	1,2-Dichlorobenzene	0.692	0.686	0.9	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.514	12.9	91	0.00
79 T	Naphthalene	0.980	1.164	-18.8	91	0.00
80 T	Naphthalene,2-methyl-	0.821	1.034	-25.9	92	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.613	-5.1	92	0.00

(#) = Out of Range

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