

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041578.D
 Acq On : 22 Aug 2024 8:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 23 01:27:27 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 : Fri Aug 23 01:15:26 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	78	0.00
2 T	Dichlorodifluoromethane	1.720	1.308	24.0	72	0.00
3	Chlorodifluoromethane	1.190	1.020	14.3	75	0.00
4	Chloromethane	0.633	0.542	14.4	75	0.00
5 T	Vinyl Chloride	0.624	0.546	12.5	75	0.00
6 T	Bromomethane	0.321	0.230	28.3	61	0.00
7	Chloroethane	0.215	0.190	11.6	73	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.285	15.7	73	0.00
9 T	Propene	0.547	0.461	15.7	74	0.00
10 T	Heptane	1.229	1.166	5.1	76	0.00
11 T	Trichlorofluoromethane	1.528	1.270	16.9	72	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	0.957	13.0	75	0.00
13	Ethanol	0.049	0.035#	28.6	79	0.00
14 T	Bromoethene	0.429	0.371	13.5	70	0.00
15 T	Acetone	1.136	0.975	14.2	77	0.00
16 T	1,3-Butadiene	0.607	0.527	13.2	74	0.00
17	tert-Butyl alcohol	1.036	0.992	4.2	74	0.00
18 T	1,1-Dichloroethene	0.471	0.427	9.3	73	0.00
19 T	Isopropyl Alcohol	0.664	0.597	10.1	72	0.00
20 T	Methylene Chloride	0.424	0.340	19.8	72	0.00
21 T	Allyl Chloride	0.745	0.652	12.5	70	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.424	10.0	74	0.00
23 T	Vinyl Acetate	0.868	0.708	18.4	63	0.00
24 T	1,1-Dichloroethane	1.022	0.932	8.8	77	0.00
25 T	Ethyl Acetate	2.257	2.088	7.5	77	0.00
26 T	Hexane	0.936	0.848	9.4	75	0.00
27 T	Carbon Disulfide	1.095	0.966	11.8	67	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.502	15.1	71	0.00
29 T	Chloroform	1.527	1.345	11.9	74	0.00
30 T	Cyclohexane	0.763	0.722	5.4	74	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.810	12.4	71	0.00
32 T	1,1,1-Trichloroethane	1.487	1.302	12.4	73	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
34 T	2-Butanone	0.484	0.436	9.9	72	0.00
35 T	Carbon Tetrachloride	0.552	0.509	7.8	71	0.00
36 T	Benzene	0.731	0.675	7.7	74	0.00
37 T	1,2-Dichloroethane	0.409	0.379	7.3	74	0.00
38 T	Trichloroethene	0.335	0.329	1.8	79	0.00
39 T	1,2-Dichloropropane	0.280	0.263	6.1	76	0.00
40 T	1,4-Dioxane	0.112	0.105	6.3	70	0.00
41 T	Tetrahydrofuran	0.277	0.274	1.1	76	0.00
42 T	Bromodichloromethane	0.591	0.540	8.6	72	0.00
43	Methyl Methacrylate	0.262	0.266	-1.5	72	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.156	5.2	76	0.00
45 T	t-1,3-Dichloropropene	0.241	0.213	11.6	57	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.301	13.5	61	0.00
47 T	1,1,2-Trichloroethane	0.308	0.290	5.8	76	0.00
48 T	Dibromochloromethane	0.497	0.474	4.6	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.447	-6.4	77	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.768	-0.7	76	0.00
51 T	2-Hexanone	0.577	0.616	-6.8	74	0.00
52 T	Tetrachloroethene	0.282	0.258	8.5	73	0.00
53 T	Toluene	0.814	0.796	2.2	74	0.00
54 T	1,2-Dibromoethane	0.410	0.393	4.1	71	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.353	9.0	76	0.00
57 T	Chlorobenzene	0.712	0.638	10.4	77	0.00
58 T	Ethyl Benzene	1.153	1.092	5.3	76	0.00
59 T	m/p-Xylene	0.995	0.946	4.9	77	0.00
60 T	o-Xylene	0.941	0.924	1.8	79	0.00
61 T	Styrene	0.425	0.443	-4.2	76	0.00
62	Isopropylbenzene	1.431	1.354	5.4	79	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.561	5.6	79	0.00
64	n-propylbenzene	0.374	0.368	1.6	80	0.00
65	tert-Butylbenzene	1.292	1.281	0.9	83	0.00
66 T	Benzyl Chloride	0.083	0.079	4.8	69	0.00
67	sec-Butylbenzene	1.781	1.819	-2.1	85	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.749	2.7	77	0.00
69	p-Isopropyltoluene	1.478	1.555	-5.2	86	0.00
70	n-Butylbenzene	1.515	1.646	-8.6	88	0.00
71	2-Chlorotoluene	1.055	1.062	-0.7	82	0.00
72 T	4-Ethyltoluene	1.108	1.153	-4.1	81	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.007	-5.4	83	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.148	-3.4	85	0.00
75 T	1,3-Dichlorobenzene	0.698	0.727	-4.2	86	0.00
76 T	1,4-Dichlorobenzene	0.676	0.710	-5.0	86	0.00
77 T	1,2-Dichlorobenzene	0.692	0.726	-4.9	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.575	2.5	92	0.00
79 T	Naphthalene	0.980	1.267	-29.3	90	0.00
80 T	Naphthalene,2-methyl-	0.821	0.528	35.7#	43	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.656	-12.5	89	0.00

(#) = Out of Range

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