

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041559.D
 Acq On : 21 Aug 2024 9:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 22 01:07:39 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 : Thu Aug 22 01:05:17 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	0.00
2 T	Dichlorodifluoromethane	1.720	1.150	33.1#	71	0.00
3	Chlorodifluoromethane	1.190	0.952	20.0	79	0.00
4	Chloromethane	0.633	0.519	18.0	81	0.00
5 T	Vinyl Chloride	0.624	0.518	17.0	80	0.00
6 T	Bromomethane	0.321	0.213	33.6#	64	0.00
7	Chloroethane	0.215	0.178	17.2	78	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.211	20.5	78	0.00
9 T	Propene	0.547	0.457	16.5	83	0.00
10 T	Heptane	1.229	1.112	9.5	82	0.00
11 T	Trichlorofluoromethane	1.528	1.209	20.9	77	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	0.888	19.3	79	0.00
13	Ethanol	0.049	0.033#	32.7#	84	0.00
14 T	Bromoethene	0.429	0.369	14.0	79	0.00
15 T	Acetone	1.136	0.894	21.3	79	0.00
16 T	1,3-Butadiene	0.607	0.498	18.0	79	0.00
17	tert-Butyl alcohol	1.036	1.049	-1.3	88	0.00
18 T	1,1-Dichloroethene	0.471	0.403	14.4	78	0.00
19 T	Isopropyl Alcohol	0.664	0.604	9.0	83	0.00
20 T	Methylene Chloride	0.424	0.324	23.6	77	0.00
21 T	Allyl Chloride	0.745	0.646	13.3	79	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.404	14.2	80	0.00
23 T	Vinyl Acetate	0.868	0.778	10.4	78	0.00
24 T	1,1-Dichloroethane	1.022	0.864	15.5	81	0.00
25 T	Ethyl Acetate	2.257	1.982	12.2	83	0.00
26 T	Hexane	0.936	0.830	11.3	83	0.00
27 T	Carbon Disulfide	1.095	0.956	12.7	76	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.542	8.3	86	0.00
29 T	Chloroform	1.527	1.230	19.4	77	0.00
30 T	Cyclohexane	0.763	0.695	8.9	81	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.819	11.5	82	0.00
32 T	1,1,1-Trichloroethane	1.487	1.197	19.5	76	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.484	0.420	13.2	78	0.00
35 T	Carbon Tetrachloride	0.552	0.461	16.5	73	0.00
36 T	Benzene	0.731	0.653	10.7	80	0.00
37 T	1,2-Dichloroethane	0.409	0.354	13.4	78	0.00
38 T	Trichloroethene	0.335	0.308	8.1	83	0.00
39 T	1,2-Dichloropropane	0.280	0.253	9.6	82	0.00
40 T	1,4-Dioxane	0.112	0.099	11.6	75	0.00
41 T	Tetrahydrofuran	0.277	0.274	1.1	85	0.00
42 T	Bromodichloromethane	0.591	0.504	14.7	75	0.00
43	Methyl Methacrylate	0.262	0.260	0.8	79	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.104	9.5	82	0.00
45 T	t-1,3-Dichloropropene	0.241	0.213	11.6	64	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.296	14.9	67	0.00
47 T	1,1,2-Trichloroethane	0.308	0.270	12.3	79	0.00
48 T	Dibromochloromethane	0.497	0.443	10.9	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.413	1.7	80	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.731	4.2	81	0.00
51 T	2-Hexanone	0.577	0.589	-2.1	80	0.00
52 T	Tetrachloroethene	0.282	0.249	11.7	79	0.00
53 T	Toluene	0.814	0.765	6.0	80	0.00
54 T	1,2-Dibromoethane	0.410	0.370	9.8	75	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.323	16.8	78	0.00
57 T	Chlorobenzene	0.712	0.586	17.7	79	0.00
58 T	Ethyl Benzene	1.153	1.033	10.4	81	0.00
59 T	m/p-Xylene	0.995	0.877	11.9	81	0.00
60 T	o-Xylene	0.941	0.843	10.4	82	0.00
61 T	Styrene	0.425	0.418	1.6	81	0.00
62	Isopropylbenzene	1.431	1.248	12.8	82	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.509	14.3	81	0.00
64	n-propylbenzene	0.374	0.337	9.9	82	0.00
65	tert-Butylbenzene	1.292	1.165	9.8	85	0.00
66 T	Benzyl Chloride	0.083	0.075	9.6	73	0.00
67	sec-Butylbenzene	1.781	1.664	6.6	87	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.723	6.1	83	0.00
69	p-Isopropyltoluene	1.478	1.414	4.3	88	0.00
70	n-Butylbenzene	1.515	1.500	1.0	91	0.00
71	2-Chlorotoluene	1.055	0.962	8.8	84	0.00
72 T	4-Ethyltoluene	1.108	1.057	4.6	84	0.00
73 T	1,3,5-Trimethylbenzene	0.955	0.915	4.2	85	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.032	7.0	86	0.00
75 T	1,3-Dichlorobenzene	0.698	0.658	5.7	88	0.00
76 T	1,4-Dichlorobenzene	0.676	0.639	5.5	88	0.00
77 T	1,2-Dichlorobenzene	0.692	0.666	3.8	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.539	8.6	97	0.00
79 T	Naphthalene	0.980	1.183	-20.7	95	0.00
80 T	Naphthalene,2-methyl-	0.821	0.526	35.9#	48	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.616	-5.7	95	0.00

(#) = Out of Range

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