

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038869.D
 Acq On : 11 Apr 2022 10:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 12 02:47:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 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	85	0.00
2 T	Dichlorodifluoromethane	1.418	1.782	-25.7	117	0.00
3	Chlorodifluoromethane	1.220	1.133	7.1	84	0.00
4	Chloromethane	0.632	0.546	13.6	77	0.00
5 T	Vinyl Chloride	0.584	0.523	10.4	79	0.00
6 T	Bromomethane	0.283	0.254	10.2	79	0.00
7	Chloroethane	0.195	0.176	9.7	76	0.00
8 T	Dichlorotetrafluoroethane	1.325	1.238	6.6	85	0.00
9 T	Propene	0.646	0.552	14.6	75	0.00
10 T	Heptane	1.626	1.433	11.9	80	0.00
11 T	Trichlorofluoromethane	1.140	1.196	-4.9	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.873	0.911	-4.4	93	0.00
13	Ethanol	0.039	0.038#	2.6	94	0.00
14 T	Bromoethene	0.384	0.371	3.4	88	0.00
15 T	Acetone	0.996	0.908	8.8	87	0.00
16 T	1,3-Butadiene	0.569	0.515	9.5	79	0.00
17	tert-Butyl alcohol	0.893	0.741	17.0	69	0.00
18 T	1,1-Dichloroethene	0.398	0.402	-1.0	92	0.00
19 T	Isopropyl Alcohol	0.509	0.452	11.2	76	0.00
20 T	Methylene Chloride	0.361	0.339	6.1	87	0.00
21 T	Allyl Chloride	0.745	0.685	8.1	83	0.00
22 T	trans-1,2-Dichloroethene	0.403	0.438	-8.7	90	0.00
23 T	Vinyl Acetate	0.970	1.013	-4.4	91	0.00
24 T	1,1-Dichloroethane	0.876	0.872	0.5	86	0.00
25 T	Ethyl Acetate	2.526	2.285	9.5	78	0.00
26 T	Hexane	1.150	1.005	12.6	80	0.00
27 T	Carbon Disulfide	1.054	1.093	-3.7	87	0.00
28 T	Methyl tert-Butyl Ether	0.888	0.824	7.2	80	0.00
29 T	Chloroform	1.609	1.546	3.9	86	0.00
30 T	Cyclohexane	1.013	0.886	12.5	80	0.00
31 T	cis-1,2-Dichloroethene	1.057	0.851	19.5	71	0.00
32 T	1,1,1-Trichloroethane	1.621	1.579	2.6	87	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.395	0.378	4.3	83	0.00
35 T	Carbon Tetrachloride	0.600	0.583	2.8	86	0.00
36 T	Benzene	0.910	0.815	10.4	82	0.00
37 T	1,2-Dichloroethane	0.416	0.425	-2.2	88	0.00
38 T	Trichloroethene	0.373	0.323	13.4	81	0.00
39 T	1,2-Dichloropropane	0.348	0.316	9.2	81	0.00
40 T	1,4-Dioxane	0.118	0.101	14.4	85	-0.01
41 T	Tetrahydrofuran	0.375	0.330	12.0	78	0.00
42 T	Bromodichloromethane	0.657	0.649	1.2	88	0.00
43	Methyl Methacrylate	0.348	0.338	2.9	82	0.00
44 T	2,2,4-Trimethylpentane	1.540	1.345	12.7	82	-0.01
45 T	t-1,3-Dichloropropene	0.364	0.349	4.1	75	0.00
46 T	cis-1,3-Dichloropropene	0.480	0.444	7.5	76	0.00
47 T	1,1,2-Trichloroethane	0.357	0.326	8.7	82	0.00
48 T	Dibromochloromethane	0.559	0.540	3.4	82	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.428	3.4	82	-0.01
50 T	4-Methyl-2-Pentanone	0.889	0.824	7.3	79	0.00
51 T	2-Hexanone	0.670	0.647	3.4	79	0.00
52 T	Tetrachloroethene	0.318	0.267	16.0	79	-0.01
53 T	Toluene	1.050	0.932	11.2	82	-0.01
54 T	1,2-Dibromoethane	0.495	0.469	5.3	82	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	-0.02
56	1,1,1,2-Tetrachloroethane	0.438	0.385	12.1	82	0.00
57 T	Chlorobenzene	0.819	0.691	15.6	80	-0.01
58 T	Ethyl Benzene	1.494	1.319	11.7	84	-0.02
59 T	m/p-Xylene	1.255	1.090	13.1	85	-0.02
60 T	o-Xylene	1.175	1.023	12.9	85	-0.02
61 T	Styrene	0.716	0.637	11.0	80	-0.01
62	Isopropylbenzene	1.763	1.487	15.7	83	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.744	0.648	12.9	85	-0.01
64	n-propylbenzene	0.458	0.387	15.5	79	-0.01
65	tert-Butylbenzene	1.564	1.262	19.3	80	-0.02
66 T	Benzyl Chloride	0.318	0.196	38.4#	45	-0.02
67	sec-Butylbenzene	2.195	1.844	16.0	83	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.759	0.811	-6.9	95	-0.02
69	p-Isopropyltoluene	1.802	1.523	15.5	81	-0.02
70	n-Butylbenzene	1.816	1.657	8.8	86	-0.02
71	2-Chlorotoluene	1.326	1.174	11.5	85	-0.02
72 T	4-Ethyltoluene	1.403	1.236	11.9	81	-0.01
73 T	1,3,5-Trimethylbenzene	1.260	1.117	11.3	83	-0.02
74 T	1,2,4-Trimethylbenzene	1.332	1.147	13.9	84	-0.02
75 T	1,3-Dichlorobenzene	0.773	0.650	15.9	79	-0.02
76 T	1,4-Dichlorobenzene	0.762	0.646	15.2	80	-0.01
77 T	1,2-Dichlorobenzene	0.762	0.641	15.9	79	-0.02
78 T	Hexachloro-1,3-Butadiene	0.602	0.453	24.8	80	-0.02
79 T	Naphthalene	0.996	0.900	9.6	75	-0.02
80 T	Naphthalene,2-methyl-	0.246	0.181	26.4	55	-0.02
81 T	1,2,4-Trichlorobenzene	0.583	0.498	14.6	78	-0.02

(#) = Out of Range

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