

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039920.D
 Acq On : 22 Nov 2022 16:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 23 04:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 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	79	0.02
2 T	Dichlorodifluoromethane	1.432	1.195	16.6	89	0.00
3	Chlorodifluoromethane	1.380	1.248	9.6	76	0.00
4	Chloromethane	0.882	0.794	10.0	72	0.00
5 T	Vinyl Chloride	0.689	0.682	1.0	72	0.00
6 T	Bromomethane	0.235	0.233	0.9	77	0.00
7	Chloroethane	0.272	0.255	6.3	75	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.566	4.2	81	0.00
9 T	Propene	0.650	0.568	12.6	70	0.00
10 T	Heptane	1.568	1.424	9.2	73	0.02
11 T	Trichlorofluoromethane	1.747	1.723	1.4	81	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.281	3.1	79	0.00
13	Ethanol	0.050	0.036#	28.0	65	0.00
14 T	Bromoethene	0.516	0.520	-0.8	78	0.00
15 T	Acetone	1.326	1.204	9.2	75	0.00
16 T	1,3-Butadiene	0.661	0.625	5.4	70	0.00
17	tert-Butyl alcohol	1.525	1.370	10.2	69	0.00
18 T	1,1-Dichloroethene	0.603	0.565	6.3	75	0.01
19 T	Isopropyl Alcohol	0.718	0.689	4.0	72	0.00
20 T	Methylene Chloride	0.643	0.487	24.3	76	0.00
21 T	Allyl Chloride	0.920	0.840	8.7	70	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.583	4.9	75	0.01
23 T	Vinyl Acetate	0.545	0.506	7.2	72	0.01
24 T	1,1-Dichloroethane	1.314	1.216	7.5	74	0.01
25 T	Ethyl Acetate	2.435	2.551	-4.8	83	0.01
26 T	Hexane	1.064	1.097	-3.1	84	0.00
27 T	Carbon Disulfide	1.343	1.402	-4.4	72	0.01
28 T	Methyl tert-Butyl Ether	1.332	1.163	12.7	70	0.00
29 T	Chloroform	1.414	1.794	-26.9	95	0.01
30 T	Cyclohexane	1.044	0.958	8.2	75	0.01
31 T	cis-1,2-Dichloroethene	0.983	0.937	4.7	72	0.01
32 T	1,1,1-Trichloroethane	1.766	1.836	-4.0	82	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.02
34 T	2-Butanone	0.478	0.500	-4.6	73	0.01
35 T	Carbon Tetrachloride	0.568	0.699	-23.1	84	0.01
36 T	Benzene	0.850	0.879	-3.4	76	0.02
37 T	1,2-Dichloroethane	0.466	0.513	-10.1	81	0.01
38 T	Trichloroethene	0.475	0.501	-5.5	79	0.02
39 T	1,2-Dichloropropane	0.331	0.333	-0.6	73	0.01
40 T	1,4-Dioxane	0.132	0.148	-12.1	84	0.00
41 T	Tetrahydrofuran	0.330	0.340	-3.0	71	0.02
42 T	Bromodichloromethane	0.632	0.735	-16.3	80	0.01
43	Methyl Methacrylate	0.333	0.355	-6.6	74	0.01
44 T	2,2,4-Trimethylpentane	1.419	1.409	0.7	74	0.01
45 T	t-1,3-Dichloropropene	0.308	0.359	-16.6	72	0.02
46 T	cis-1,3-Dichloropropene	0.427	0.472	-10.5	74	0.02
47 T	1,1,2-Trichloroethane	0.340	0.361	-6.2	79	0.02
48 T	Dibromochloromethane	0.499	0.618	-23.8	80	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.499	-23.5	75	0.00
50 T	4-Methyl-2-Pentanone	0.857	0.883	-3.0	73	0.01
51 T	2-Hexanone	0.665	0.702	-5.6	73	0.00
52 T	Tetrachloroethene	0.318	0.310	2.5	74	0.02
53 T	Toluene	0.968	1.012	-4.5	77	0.02
54 T	1,2-Dibromoethane	0.363	0.426	-17.4	81	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.01
56	1,1,1,2-Tetrachloroethane	0.409	0.437	-6.8	80	0.01
57 T	Chlorobenzene	0.765	0.776	-1.4	79	0.01
58 T	Ethyl Benzene	1.357	1.367	-0.7	79	0.01
59 T	m/p-Xylene	1.135	1.146	-1.0	80	0.01
60 T	o-Xylene	1.083	1.102	-1.8	80	0.00
61 T	Styrene	0.646	0.673	-4.2	77	0.00
62	Isopropylbenzene	1.562	1.560	0.1	80	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.376	-3.9	80	0.00
64	n-propylbenzene	0.408	0.410	-0.5	77	0.01
65	tert-Butylbenzene	1.366	1.365	0.1	80	0.00
66 T	Benzyl Chloride	0.117	0.116	0.9	58	0.00
67	sec-Butylbenzene	1.878	1.891	-0.7	81	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.738	3.4	75	0.00
69	p-Isopropyltoluene	1.547	1.557	-0.6	80	0.00
70	n-Butylbenzene	1.534	1.577	-2.8	81	0.00
71	2-Chlorotoluene	1.184	1.197	-1.1	80	0.00
72 T	4-Ethyltoluene	1.217	1.275	-4.8	79	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.133	-1.7	80	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.198	-1.5	80	0.00
75 T	1,3-Dichlorobenzene	0.664	0.683	-2.9	78	0.00
76 T	1,4-Dichlorobenzene	0.658	0.664	-0.9	76	0.00
77 T	1,2-Dichlorobenzene	0.640	0.642	-0.3	78	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.393	11.5	75	0.00
79 T	Naphthalene	0.706	0.796	-12.7	80	0.00
80 T	Naphthalene,2-methyl-	0.199	0.225	-13.1	85	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.422	3.2	74	0.00

(#) = Out of Range

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