

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039934.D
 Acq On : 23 Nov 2022 9:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 23 09:48:19 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	64	0.01
2 T	Dichlorodifluoromethane	1.432	2.026	-41.5#	122	0.00
3	Chlorodifluoromethane	1.380	1.389	-0.7	68	0.00
4	Chloromethane	0.882	0.803	9.0	59	0.00
5 T	Vinyl Chloride	0.689	0.727	-5.5	62	0.01
6 T	Bromomethane	0.235	0.314	-33.6#	84	0.00
7	Chloroethane	0.272	0.272	0.0	65	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.752	-7.2	73	0.00
9 T	Propene	0.650	0.634	2.5	63	0.00
10 T	Heptane	1.568	1.572	-0.3	65	0.02
11 T	Trichlorofluoromethane	1.747	1.808	-3.5	69	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.363	-3.1	68	0.01
13	Ethanol	0.050	0.038#	24.0	56	0.00
14 T	Bromoethene	0.516	0.544	-5.4	66	0.00
15 T	Acetone	1.326	1.332	-0.5	67	0.01
16 T	1,3-Butadiene	0.661	0.701	-6.1	64	0.00
17	tert-Butyl alcohol	1.525	1.580	-3.6	64	0.00
18 T	1,1-Dichloroethene	0.603	0.600	0.5	65	0.01
19 T	Isopropyl Alcohol	0.718	0.677	5.7	58	0.00
20 T	Methylene Chloride	0.643	0.540	16.0	69	0.00
21 T	Allyl Chloride	0.920	0.950	-3.3	64	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.641	-4.6	67	0.01
23 T	Vinyl Acetate	0.545	0.260	52.3#	30	0.01
24 T	1,1-Dichloroethane	1.314	1.331	-1.3	66	0.01
25 T	Ethyl Acetate	2.435	2.847	-16.9	75	0.01
26 T	Hexane	1.064	1.086	-2.1	67	0.01
27 T	Carbon Disulfide	1.343	1.517	-13.0	64	0.01
28 T	Methyl tert-Butyl Ether	1.332	1.306	2.0	64	0.01
29 T	Chloroform	1.414	1.534	-8.5	66	0.01
30 T	Cyclohexane	1.044	1.045	-0.1	66	0.00
31 T	cis-1,2-Dichloroethene	0.983	1.037	-5.5	65	0.01
32 T	1,1,1-Trichloroethane	1.766	1.807	-2.3	66	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.02
34 T	2-Butanone	0.478	0.509	-6.5	67	0.01
35 T	Carbon Tetrachloride	0.568	0.618	-8.8	67	0.01
36 T	Benzene	0.850	0.849	0.1	66	0.02
37 T	1,2-Dichloroethane	0.466	0.461	1.1	66	0.01
38 T	Trichloroethene	0.475	0.388	18.3	55	0.01
39 T	1,2-Dichloropropane	0.331	0.322	2.7	64	0.02
40 T	1,4-Dioxane	0.132	0.126	4.5	64	0.01
41 T	Tetrahydrofuran	0.330	0.339	-2.7	64	0.01
42 T	Bromodichloromethane	0.632	0.675	-6.8	66	0.02
43	Methyl Methacrylate	0.333	0.361	-8.4	68	0.01
44 T	2,2,4-Trimethylpentane	1.419	1.401	1.3	67	0.01
45 T	t-1,3-Dichloropropene	0.308	0.309	-0.3	56	0.02
46 T	cis-1,3-Dichloropropene	0.427	0.427	0.0	60	0.01
47 T	1,1,2-Trichloroethane	0.340	0.346	-1.8	68	0.02
48 T	Dibromochloromethane	0.499	0.571	-14.4	67	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.467	-15.6	63	0.01
50 T	4-Methyl-2-Pentanone	0.857	0.868	-1.3	65	0.02
51 T	2-Hexanone	0.665	0.683	-2.7	64	0.00
52 T	Tetrachloroethene	0.318	0.298	6.3	64	0.02
53 T	Toluene	0.968	0.972	-0.4	67	0.01
54 T	1,2-Dibromoethane	0.363	0.442	-21.8	76	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.01
56	1,1,1,2-Tetrachloroethane	0.409	0.462	-13.0	71	0.01
57 T	Chlorobenzene	0.765	0.782	-2.2	68	0.01
58 T	Ethyl Benzene	1.357	1.379	-1.6	67	0.00
59 T	m/p-Xylene	1.135	1.153	-1.6	68	0.01
60 T	o-Xylene	1.083	1.098	-1.4	67	0.00
61 T	Styrene	0.646	0.680	-5.3	65	0.00
62	Isopropylbenzene	1.562	1.690	-8.2	73	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.598	-65.2#	107	0.00
64	n-propylbenzene	0.408	0.445	-9.1	71	0.00
65	tert-Butylbenzene	1.366	1.466	-7.3	73	0.00
66 T	Benzyl Chloride	0.117	0.081	30.8#	34	0.00
67	sec-Butylbenzene	1.878	2.054	-9.4	74	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.779	-2.0	67	0.00
69	p-Isopropyltoluene	1.547	1.682	-8.7	73	0.00
70	n-Butylbenzene	1.534	1.696	-10.6	74	0.00
71	2-Chlorotoluene	1.184	1.261	-6.5	71	0.00
72 T	4-Ethyltoluene	1.217	1.288	-5.8	68	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.165	-4.6	69	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.232	-4.4	69	0.00
75 T	1,3-Dichlorobenzene	0.664	0.694	-4.5	67	0.00
76 T	1,4-Dichlorobenzene	0.658	0.674	-2.4	65	0.00
77 T	1,2-Dichlorobenzene	0.640	0.671	-4.8	68	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.470	-5.9	76	0.00
79 T	Naphthalene	0.706	0.940	-33.1#	79	0.00
80 T	Naphthalene,2-methyl-	0.199	0.261	-31.2#	84	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.493	-13.1	73	0.00

(#) = Out of Range

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