

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039962.D
 Acq On : 2 Dec 2022 9:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 02 12:07:11 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 : Fri Dec 02 05:29:35 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	70	0.00
2 T	Dichlorodifluoromethane	1.432	1.757	-22.7	116	0.00
3	Chlorodifluoromethane	1.380	1.179	14.6	63	0.00
4	Chloromethane	0.882	0.670	24.0	54	0.00
5 T	Vinyl Chloride	0.689	0.627	9.0	58	0.00
6 T	Bromomethane	0.235	0.267	-13.6	78	0.00
7	Chloroethane	0.272	0.233	14.3	61	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.560	4.6	71	0.00
9 T	Propene	0.650	0.547	15.8	60	0.00
10 T	Heptane	1.568	1.359	13.3	62	0.00
11 T	Trichlorofluoromethane	1.747	1.609	7.9	67	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.199	9.3	66	0.00
13	Ethanol	0.050	0.028#	44.0#	45	0.00
14 T	Bromoethene	0.516	0.484	6.2	64	0.00
15 T	Acetone	1.326	1.105	16.7	61	0.00
16 T	1,3-Butadiene	0.661	0.586	11.3	58	0.00
17	tert-Butyl alcohol	1.525	1.294	15.1	58	0.00
18 T	1,1-Dichloroethene	0.603	0.536	11.1	63	0.00
19 T	Isopropyl Alcohol	0.718	0.567	21.0	53	0.00
20 T	Methylene Chloride	0.643	0.462	28.1	64	0.00
21 T	Allyl Chloride	0.920	0.790	14.1	58	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.551	10.1	63	0.00
23 T	Vinyl Acetate	0.545	0.204	62.6#	26	0.00
24 T	1,1-Dichloroethane	1.314	1.155	12.1	63	0.00
25 T	Ethyl Acetate	2.435	2.464	-1.2	71	0.00
26 T	Hexane	1.064	0.930	12.6	63	0.00
27 T	Carbon Disulfide	1.343	1.304	2.9	60	0.00
28 T	Methyl tert-Butyl Ether	1.332	1.137	14.6	60	0.00
29 T	Chloroform	1.414	1.534	-8.5	72	0.00
30 T	Cyclohexane	1.044	0.919	12.0	64	0.00
31 T	cis-1,2-Dichloroethene	0.983	0.886	9.9	61	0.00
32 T	1,1,1-Trichloroethane	1.766	1.607	9.0	64	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
34 T	2-Butanone	0.478	0.423	11.5	62	0.00
35 T	Carbon Tetrachloride	0.568	0.537	5.5	65	0.00
36 T	Benzene	0.850	0.734	13.6	64	0.00
37 T	1,2-Dichloroethane	0.466	0.395	15.2	63	0.00
38 T	Trichloroethene	0.475	0.344	27.6	55	0.00
39 T	1,2-Dichloropropane	0.331	0.277	16.3	61	0.00
40 T	1,4-Dioxane	0.132	0.114	13.6	65	0.00
41 T	Tetrahydrofuran	0.330	0.291	11.8	61	0.00
42 T	Bromodichloromethane	0.632	0.580	8.2	64	0.00
43	Methyl Methacrylate	0.333	0.305	8.4	64	0.00
44 T	2,2,4-Trimethylpentane	1.419	1.193	15.9	64	0.00
45 T	t-1,3-Dichloropropene	0.308	0.262	14.9	53	0.00
46 T	cis-1,3-Dichloropropene	0.427	0.360	15.7	57	0.00
47 T	1,1,2-Trichloroethane	0.340	0.298	12.4	66	0.00
48 T	Dibromochloromethane	0.499	0.498	0.2	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.413	-2.2	63	0.00
50 T	4-Methyl-2-Pentanone	0.857	0.742	13.4	62	0.00
51 T	2-Hexanone	0.665	0.583	12.3	61	0.00
52 T	Tetrachloroethene	0.318	0.264	17.0	64	0.00
53 T	Toluene	0.968	0.845	12.7	65	0.00
54 T	1,2-Dibromoethane	0.363	0.388	-6.9	74	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.374	8.6	70	0.00
57 T	Chlorobenzene	0.765	0.631	17.5	66	0.00
58 T	Ethyl Benzene	1.357	1.112	18.1	66	0.00
59 T	m/p-Xylene	1.135	0.930	18.1	66	0.00
60 T	o-Xylene	1.083	0.888	18.0	66	0.00
61 T	Styrene	0.646	0.545	15.6	64	0.00
62	Isopropylbenzene	1.562	1.369	12.4	72	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.484	-33.7#	105	0.00
64	n-propylbenzene	0.408	0.360	11.8	70	0.00
65	tert-Butylbenzene	1.366	1.189	13.0	72	0.00
66 T	Benzyl Chloride	0.117	0.061	47.9#	31	0.00
67	sec-Butylbenzene	1.878	1.664	11.4	73	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.740	3.1	77	0.00
69	p-Isopropyltoluene	1.547	1.376	11.1	73	0.00
70	n-Butylbenzene	1.534	1.395	9.1	74	0.00
71	2-Chlorotoluene	1.184	1.023	13.6	70	0.00
72 T	4-Ethyltoluene	1.217	1.039	14.6	66	0.00
73 T	1,3,5-Trimethylbenzene	1.114	0.941	15.5	68	0.00
74 T	1,2,4-Trimethylbenzene	1.180	0.999	15.3	68	0.00
75 T	1,3-Dichlorobenzene	0.664	0.568	14.5	66	0.00
76 T	1,4-Dichlorobenzene	0.658	0.550	16.4	65	0.00
77 T	1,2-Dichlorobenzene	0.640	0.551	13.9	68	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.388	12.6	76	0.00
79 T	Naphthalene	0.706	0.791	-12.0	81	0.00
80 T	Naphthalene,2-methyl-	0.199	0.208	-4.5	81	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.405	7.1	73	0.00

(#) = Out of Range

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