

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039964.D
 Acq On : 2 Dec 2022 10:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 02 23:17:40 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	69	0.00
2 T	Dichlorodifluoromethane	1.432	1.620	-13.1	105	0.00
3	Chlorodifluoromethane	1.380	1.194	13.5	63	0.00
4	Chloromethane	0.882	0.774	12.2	61	0.00
5 T	Vinyl Chloride	0.689	0.676	1.9	62	0.00
6 T	Bromomethane	0.235	0.218	7.2	63	0.00
7	Chloroethane	0.272	0.240	11.8	62	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.639	-0.2	74	0.00
9 T	Propene	0.650	0.557	14.3	60	0.00
10 T	Heptane	1.568	1.399	10.8	63	0.00
11 T	Trichlorofluoromethane	1.747	1.692	3.1	70	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.272	3.8	69	0.00
13	Ethanol	0.050	0.029#	42.0#	46	0.00
14 T	Bromoethene	0.516	0.494	4.3	64	0.00
15 T	Acetone	1.326	1.128	14.9	62	0.00
16 T	1,3-Butadiene	0.661	0.587	11.2	58	0.00
17	tert-Butyl alcohol	1.525	1.273	16.5	56	0.00
18 T	1,1-Dichloroethene	0.603	0.571	5.3	67	0.00
19 T	Isopropyl Alcohol	0.718	0.593	17.4	55	0.00
20 T	Methylene Chloride	0.643	0.476	26.0	66	0.00
21 T	Allyl Chloride	0.920	0.819	11.0	60	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.600	2.1	68	0.00
23 T	Vinyl Acetate	0.545	0.482	11.6	60	0.00
24 T	1,1-Dichloroethane	1.314	1.203	8.4	65	0.00
25 T	Ethyl Acetate	2.435	2.294	5.8	66	0.00
26 T	Hexane	1.064	1.022	3.9	69	0.00
27 T	Carbon Disulfide	1.343	1.414	-5.3	64	0.00
28 T	Methyl tert-Butyl Ether	1.332	1.168	12.3	61	0.00
29 T	Chloroform	1.414	1.673	-18.3	78	0.00
30 T	Cyclohexane	1.044	0.939	10.1	64	0.00
31 T	cis-1,2-Dichloroethene	0.983	0.945	3.9	64	0.00
32 T	1,1,1-Trichloroethane	1.766	1.716	2.8	68	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
34 T	2-Butanone	0.478	0.418	12.6	60	0.00
35 T	Carbon Tetrachloride	0.568	0.575	-1.2	68	0.00
36 T	Benzene	0.850	0.770	9.4	66	0.00
37 T	1,2-Dichloroethane	0.466	0.422	9.4	66	0.00
38 T	Trichloroethene	0.475	0.433	8.8	68	0.00
39 T	1,2-Dichloropropane	0.331	0.288	13.0	63	0.00
40 T	1,4-Dioxane	0.132	0.110	16.7	62	0.00
41 T	Tetrahydrofuran	0.330	0.283	14.2	59	0.00
42 T	Bromodichloromethane	0.632	0.618	2.2	67	0.00
43	Methyl Methacrylate	0.333	0.300	9.9	62	0.00
44 T	2,2,4-Trimethylpentane	1.419	1.233	13.1	65	0.00
45 T	t-1,3-Dichloropropene	0.308	0.282	8.4	56	0.00
46 T	cis-1,3-Dichloropropene	0.427	0.388	9.1	60	0.00
47 T	1,1,2-Trichloroethane	0.340	0.311	8.5	67	0.00
48 T	Dibromochloromethane	0.499	0.523	-4.8	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.412	-2.0	61	0.00
50 T	4-Methyl-2-Pentanone	0.857	0.754	12.0	62	0.00
51 T	2-Hexanone	0.665	0.576	13.4	59	0.00
52 T	Tetrachloroethene	0.318	0.270	15.1	64	0.00
53 T	Toluene	0.968	0.874	9.7	66	0.00
54 T	1,2-Dibromoethane	0.363	0.357	1.7	67	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.375	8.3	67	0.00
57 T	Chlorobenzene	0.765	0.675	11.8	68	0.00
58 T	Ethyl Benzene	1.357	1.178	13.2	67	0.00
59 T	m/p-Xylene	1.135	0.985	13.2	67	0.00
60 T	o-Xylene	1.083	0.939	13.3	67	0.00
61 T	Styrene	0.646	0.573	11.3	64	0.00
62	Isopropylbenzene	1.562	1.358	13.1	68	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.319	11.9	66	0.00
64	n-propylbenzene	0.408	0.352	13.7	65	0.00
65	tert-Butylbenzene	1.366	1.160	15.1	67	0.00
66 T	Benzyl Chloride	0.117	0.076	35.0#	37	0.00
67	sec-Butylbenzene	1.878	1.604	14.6	67	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.758	0.8	76	0.00
69	p-Isopropyltoluene	1.547	1.307	15.5	66	0.00
70	n-Butylbenzene	1.534	1.301	15.2	66	0.00
71	2-Chlorotoluene	1.184	0.999	15.6	65	0.00
72 T	4-Ethyltoluene	1.217	1.075	11.7	66	0.00
73 T	1,3,5-Trimethylbenzene	1.114	0.951	14.6	66	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.010	14.4	66	0.00
75 T	1,3-Dichlorobenzene	0.664	0.565	14.9	63	0.00
76 T	1,4-Dichlorobenzene	0.658	0.548	16.7	62	0.00
77 T	1,2-Dichlorobenzene	0.640	0.527	17.7	62	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.312	29.7	58	0.00
79 T	Naphthalene	0.706	0.592	16.1	58	0.00
80 T	Naphthalene,2-methyl-	0.199	0.154	22.6	57	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.340	22.0	59	0.00

(#) = Out of Range

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