

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039579.D
 Acq On : 25 Aug 2022 15:20
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 26 06:06:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 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	99	0.00
2 T	Dichlorodifluoromethane	1.331	1.772	-33.1#	166#	0.00
3	Chlorodifluoromethane	1.191	1.134	4.8	106	0.00
4	Chloromethane	0.718	0.684	4.7	106	0.00
5 T	Vinyl Chloride	0.579	0.615	-6.2	110	0.00
6 T	Bromomethane	0.246	0.238	3.3	111	0.00
7	Chloroethane	0.217	0.220	-1.4	112	0.00
8 T	Dichlorotetrafluoroethane	1.424	1.432	-0.6	109	0.00
9 T	Propene	0.545	0.540	0.9	112	0.00
10 T	Heptane	1.263	1.333	-5.5	107	0.00
11 T	Trichlorofluoromethane	1.460	1.369	6.2	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.036	4.1	108	0.00
13	Ethanol	0.039	0.038#	2.6	132	0.00
14 T	Bromoethene	0.441	0.459	-4.1	109	0.00
15 T	Acetone	1.120	1.067	4.7	108	0.00
16 T	1,3-Butadiene	0.585	0.587	-0.3	107	0.00
17	tert-Butyl alcohol	0.956	0.985	-3.0	110	0.00
18 T	1,1-Dichloroethene	0.487	0.470	3.5	107	0.00
19 T	Isopropyl Alcohol	0.545	0.592	-8.6	113	0.00
20 T	Methylene Chloride	0.455	0.393	13.6	107	0.00
21 T	Allyl Chloride	0.729	0.770	-5.6	110	0.00
22 T	trans-1,2-Dichloroethene	0.484	0.477	1.4	109	0.00
23 T	Vinyl Acetate	0.533	0.565	-6.0	109	0.00
24 T	1,1-Dichloroethane	0.986	0.969	1.7	105	0.00
25 T	Ethyl Acetate	2.397	2.389	0.3	108	0.00
26 T	Hexane	0.978	0.994	-1.6	111	0.00
27 T	Carbon Disulfide	1.045	1.248	-19.4	117	0.00
28 T	Methyl tert-Butyl Ether	0.844	0.848	-0.5	114	0.00
29 T	Chloroform	1.530	1.485	2.9	106	0.00
30 T	Cyclohexane	0.810	0.822	-1.5	110	0.00
31 T	cis-1,2-Dichloroethene	0.948	0.973	-2.6	109	0.00
32 T	1,1,1-Trichloroethane	1.346	1.439	-6.9	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.497	0.519	-4.4	110	0.00
35 T	Carbon Tetrachloride	0.541	0.591	-9.2	107	0.00
36 T	Benzene	0.762	0.790	-3.7	108	0.00
37 T	1,2-Dichloroethane	0.420	0.413	1.7	103	0.00
38 T	Trichloroethene	0.408	0.432	-5.9	106	0.00
39 T	1,2-Dichloropropane	0.287	0.302	-5.2	111	0.00
40 T	1,4-Dioxane	0.112	0.116	-3.6	108	0.00
41 T	Tetrahydrofuran	0.297	0.326	-9.8	113	0.00
42 T	Bromodichloromethane	0.575	0.613	-6.6	107	0.00
43	Methyl Methacrylate	0.275	0.311	-13.1	107	0.00
44 T	2,2,4-Trimethylpentane	1.285	1.316	-2.4	108	0.00
45 T	t-1,3-Dichloropropene	0.239	0.316	-32.2#	113	0.00
46 T	cis-1,3-Dichloropropene	0.332	0.417	-25.6	109	0.00
47 T	1,1,2-Trichloroethane	0.327	0.323	1.2	106	0.00
48 T	Dibromochloromethane	0.482	0.565	-17.2	109	0.00

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49 T	Bromoform	0.400	0.480	-20.0	108	0.00
50 T	4-Methyl-2-Pentanone	0.775	0.812	-4.8	103	0.00
51 T	2-Hexanone	0.570	0.633	-11.1	103	0.00
52 T	Tetrachloroethene	0.288	0.302	-4.9	110	0.00
53 T	Toluene	0.853	0.927	-8.7	107	0.00
54 T	1,2-Dibromoethane	0.366	0.392	-7.1	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.406	0.420	-3.4	104	0.00
57 T	Chlorobenzene	0.746	0.724	2.9	103	0.00
58 T	Ethyl Benzene	1.149	1.271	-10.6	104	0.00
59 T	m/p-Xylene	1.031	1.069	-3.7	103	0.00
60 T	o-Xylene	0.989	1.020	-3.1	101	0.00
61 T	Styrene	0.527	0.626	-18.8	102	0.00
62	Isopropylbenzene	1.496	1.485	0.7	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.469	0.419	10.7	101	0.00
64	n-propylbenzene	0.389	0.390	-0.3	102	0.00
65	tert-Butylbenzene	1.330	1.310	1.5	100	0.00
66 T	Benzyl Chloride	0.108	0.153	-41.7#	119	0.00
67	sec-Butylbenzene	1.884	1.821	3.3	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.754	0.735	2.5	90	0.00
69	p-Isopropyltoluene	1.564	1.532	2.0	99	0.00
70	n-Butylbenzene	1.556	1.505	3.3	97	0.00
71	2-Chlorotoluene	1.084	1.093	-0.8	100	0.00
72 T	4-Ethyltoluene	1.157	1.213	-4.8	100	0.00
73 T	1,3,5-Trimethylbenzene	1.057	1.073	-1.5	99	0.00
74 T	1,2,4-Trimethylbenzene	1.178	1.146	2.7	99	0.00
75 T	1,3-Dichlorobenzene	0.716	0.694	3.1	99	0.00
76 T	1,4-Dichlorobenzene	0.714	0.682	4.5	99	0.00
77 T	1,2-Dichlorobenzene	0.701	0.664	5.3	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.559	0.544	2.7	111	0.00
79 T	Naphthalene	0.839	1.149	-36.9#	114	0.00
80 T	Naphthalene,2-methyl-	0.340	0.507	-49.1#	112	0.00
81 T	1,2,4-Trichlorobenzene	0.560	0.639	-14.1	113	0.00

(#) = Out of Range

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