

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039603.D
 Acq On : 31 Aug 2022 10:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 31 23:43:31 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	94	0.00
2 T	Dichlorodifluoromethane	1.331	1.101	17.3	98	0.00
3	Chlorodifluoromethane	1.191	1.205	-1.2	107	0.01
4	Chloromethane	0.718	0.732	-1.9	107	0.00
5 T	Vinyl Chloride	0.579	0.640	-10.5	109	0.01
6 T	Bromomethane	0.246	0.247	-0.4	109	0.01
7	Chloroethane	0.217	0.231	-6.5	112	0.01
8 T	Dichlorotetrafluoroethane	1.424	1.467	-3.0	106	0.01
9 T	Propene	0.545	0.586	-7.5	116	0.00
10 T	Heptane	1.263	1.389	-10.0	106	0.01
11 T	Trichlorofluoromethane	1.460	1.449	0.8	104	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.119	-3.6	111	0.01
13	Ethanol	0.039	0.029#	25.6	94	0.02
14 T	Bromoethene	0.441	0.475	-7.7	107	0.01
15 T	Acetone	1.120	1.119	0.1	108	0.01
16 T	1,3-Butadiene	0.585	0.629	-7.5	109	0.01
17	tert-Butyl alcohol	0.956	1.006	-5.2	107	0.01
18 T	1,1-Dichloroethene	0.487	0.496	-1.8	107	0.01
19 T	Isopropyl Alcohol	0.545	0.592	-8.6	108	0.01
20 T	Methylene Chloride	0.455	0.432	5.1	111	0.01
21 T	Allyl Chloride	0.729	0.778	-6.7	105	0.01
22 T	trans-1,2-Dichloroethene	0.484	0.502	-3.7	109	0.01
23 T	Vinyl Acetate	0.533	0.563	-5.6	103	0.01
24 T	1,1-Dichloroethane	0.986	1.024	-3.9	105	0.00
25 T	Ethyl Acetate	2.397	2.491	-3.9	107	0.01
26 T	Hexane	0.978	1.039	-6.2	110	0.01
27 T	Carbon Disulfide	1.045	1.216	-16.4	108	0.01
28 T	Methyl tert-Butyl Ether	0.844	0.885	-4.9	113	0.01
29 T	Chloroform	1.530	1.557	-1.8	105	0.01
30 T	Cyclohexane	0.810	0.868	-7.2	110	0.02
31 T	cis-1,2-Dichloroethene	0.948	1.028	-8.4	109	0.01
32 T	1,1,1-Trichloroethane	1.346	1.492	-10.8	105	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.01
34 T	2-Butanone	0.497	0.551	-10.9	111	0.01
35 T	Carbon Tetrachloride	0.541	0.599	-10.7	103	0.02
36 T	Benzene	0.762	0.824	-8.1	107	0.01
37 T	1,2-Dichloroethane	0.420	0.441	-5.0	104	0.01
38 T	Trichloroethene	0.408	0.452	-10.8	105	0.01
39 T	1,2-Dichloropropane	0.287	0.316	-10.1	110	0.01
40 T	1,4-Dioxane	0.112	0.116	-3.6	102	0.01
41 T	Tetrahydrofuran	0.297	0.346	-16.5	114	0.01
42 T	Bromodichloromethane	0.575	0.639	-11.1	106	0.01
43	Methyl Methacrylate	0.275	0.326	-18.5	107	0.01
44 T	2,2,4-Trimethylpentane	1.285	1.383	-7.6	108	0.01
45 T	t-1,3-Dichloropropene	0.239	0.310	-29.7	105	0.01
46 T	cis-1,3-Dichloropropene	0.332	0.424	-27.7	105	0.01
47 T	1,1,2-Trichloroethane	0.327	0.338	-3.4	105	0.01
48 T	Dibromochloromethane	0.482	0.565	-17.2	103	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.400	0.480	-20.0	103	0.01
50 T	4-Methyl-2-Pentanone	0.775	0.876	-13.0	106	0.02
51 T	2-Hexanone	0.570	0.678	-18.9	105	0.01
52 T	Tetrachloroethene	0.288	0.321	-11.5	110	0.01
53 T	Toluene	0.853	0.979	-14.8	107	0.01
54 T	1,2-Dibromoethane	0.366	0.409	-11.7	104	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.02
56	1,1,1,2-Tetrachloroethane	0.406	0.417	-2.7	102	0.01
57 T	Chlorobenzene	0.746	0.754	-1.1	105	0.01
58 T	Ethyl Benzene	1.149	1.299	-13.1	105	0.01
59 T	m/p-Xylene	1.031	1.103	-7.0	104	0.02
60 T	o-Xylene	0.989	1.047	-5.9	102	0.01
61 T	Styrene	0.527	0.650	-23.3	104	0.02
62	Isopropylbenzene	1.496	1.540	-2.9	103	0.01
63 T	1,1,2,2-Tetrachloroethane	0.469	0.438	6.6	104	0.01
64	n-propylbenzene	0.389	0.400	-2.8	102	0.02
65	tert-Butylbenzene	1.330	1.380	-3.8	104	0.01
66 T	Benzyl Chloride	0.108	0.136	-25.9	104	0.01
67	sec-Butylbenzene	1.884	1.934	-2.7	103	0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.691	8.4	83	0.02
69	p-Isopropyltoluene	1.564	1.624	-3.8	103	0.01
70	n-Butylbenzene	1.556	1.619	-4.0	102	0.01
71	2-Chlorotoluene	1.084	1.143	-5.4	102	0.01
72 T	4-Ethyltoluene	1.157	1.258	-8.7	102	0.01
73 T	1,3,5-Trimethylbenzene	1.057	1.112	-5.2	101	0.02
74 T	1,2,4-Trimethylbenzene	1.178	1.211	-2.8	103	0.02
75 T	1,3-Dichlorobenzene	0.716	0.745	-4.1	105	0.02
76 T	1,4-Dichlorobenzene	0.714	0.714	0.0	102	0.02
77 T	1,2-Dichlorobenzene	0.701	0.707	-0.9	103	0.01
78 T	Hexachloro-1,3-Butadiene	0.559	0.519	7.2	104	0.01
79 T	Naphthalene	0.839	1.058	-26.1	103	0.02
80 T	Naphthalene,2-methyl-	0.340	0.474	-39.4#	103	0.01
81 T	1,2,4-Trichlorobenzene	0.560	0.597	-6.6	104	0.02

(#) = Out of Range

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