

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039253.D
 Acq On : 13 Jun 2022 12:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 14 01:31:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 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	101	0.00
2 T	Dichlorodifluoromethane	1.756	1.933	-10.1	130	0.00
3	Chlorodifluoromethane	1.272	1.278	-0.5	113	0.00
4	Chloromethane	0.654	0.648	0.9	109	0.00
5 T	Vinyl Chloride	0.611	0.669	-9.5	115	0.00
6 T	Bromomethane	0.301	0.301	0.0	112	0.00
7	Chloroethane	0.213	0.259	-21.6	130	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.705	-6.2	118	0.00
9 T	Propene	0.555	0.470	15.3	97	0.00
10 T	Heptane	1.294	1.106	14.5	91	0.00
11 T	Trichlorofluoromethane	1.590	1.872	-17.7	135	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.229	-16.9	129	0.00
13	Ethanol	0.030	0.035#	-16.7	125	0.00
14 T	Bromoethene	0.473	0.507	-7.2	115	0.00
15 T	Acetone	1.042	1.159	-11.2	128	0.00
16 T	1,3-Butadiene	0.560	0.621	-10.9	119	0.00
17	tert-Butyl alcohol	0.808	1.009	-24.9	128	0.00
18 T	1,1-Dichloroethene	0.472	0.563	-19.3	130	0.00
19 T	Isopropyl Alcohol	0.489	0.595	-21.7	123	0.00
20 T	Methylene Chloride	0.439	0.460	-4.8	139	0.00
21 T	Allyl Chloride	0.703	0.809	-15.1	124	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.589	-29.7	136	0.00
23 T	Vinyl Acetate	0.862	0.954	-10.7	107	0.00
24 T	1,1-Dichloroethane	1.181	1.124	4.8	108	0.00
25 T	Ethyl Acetate	2.348	2.182	7.1	102	0.00
26 T	Hexane	1.032	0.922	10.7	98	0.00
27 T	Carbon Disulfide	1.069	1.328	-24.2	124	0.00
28 T	Methyl tert-Butyl Ether	1.139	1.101	3.3	109	0.00
29 T	Chloroform	1.736	1.674	3.6	106	0.00
30 T	Cyclohexane	0.867	0.735	15.2	94	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.027	2.4	105	0.00
32 T	1,1,1-Trichloroethane	1.699	1.783	-4.9	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.543	0.587	-8.1	101	0.00
35 T	Carbon Tetrachloride	0.730	0.838	-14.8	110	0.00
36 T	Benzene	0.812	0.771	5.0	93	0.00
37 T	1,2-Dichloroethane	0.534	0.627	-17.4	113	0.00
38 T	Trichloroethene	0.373	0.394	-5.6	97	0.00
39 T	1,2-Dichloropropane	0.323	0.305	5.6	93	0.00
40 T	1,4-Dioxane	0.106	0.108	-1.9	98	0.00
41 T	Tetrahydrofuran	0.327	0.314	4.0	92	0.00
42 T	Bromodichloromethane	0.742	0.824	-11.1	107	0.00
43	Methyl Methacrylate	0.316	0.330	-4.4	95	0.00
44 T	2,2,4-Trimethylpentane	1.420	1.352	4.8	95	0.00
45 T	t-1,3-Dichloropropene	0.329	0.370	-12.5	89	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.452	-3.9	89	0.00
47 T	1,1,2-Trichloroethane	0.337	0.326	3.3	93	0.00
48 T	Dibromochloromethane	0.602	0.662	-10.0	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.545	-8.8	99	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.854	-5.0	97	0.00
51 T	2-Hexanone	0.633	0.674	-6.5	99	0.00
52 T	Tetrachloroethene	0.317	0.286	9.8	91	0.00
53 T	Toluene	0.935	0.913	2.4	94	0.00
54 T	1,2-Dibromoethane	0.453	0.463	-2.2	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.473	0.495	-4.7	101	0.00
57 T	Chlorobenzene	0.752	0.745	0.9	95	0.00
58 T	Ethyl Benzene	1.377	1.388	-0.8	96	0.00
59 T	m/p-Xylene	1.213	1.249	-3.0	100	0.00
60 T	o-Xylene	1.140	1.218	-6.8	103	0.00
61 T	Styrene	0.610	0.635	-4.1	94	0.00
62	Isopropylbenzene	1.694	1.766	-4.3	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.640	0.622	2.8	98	0.00
64	n-propylbenzene	0.416	0.439	-5.5	99	0.00
65	tert-Butylbenzene	1.549	1.631	-5.3	104	0.00
66 T	Benzyl Chloride	0.201	0.191	5.0	70	0.00
67	sec-Butylbenzene	2.114	2.243	-6.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.953	-15.2	103	0.00
69	p-Isopropyltoluene	1.783	1.888	-5.9	104	0.00
70	n-Butylbenzene	1.830	2.021	-10.4	104	0.00
71	2-Chlorotoluene	1.292	1.353	-4.7	102	0.00
72 T	4-Ethyltoluene	1.336	1.450	-8.5	103	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.315	-9.1	103	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.455	-8.2	105	0.00
75 T	1,3-Dichlorobenzene	0.761	0.797	-4.7	99	0.00
76 T	1,4-Dichlorobenzene	0.759	0.773	-1.8	99	0.00
77 T	1,2-Dichlorobenzene	0.767	0.772	-0.7	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.656	6.4	97	0.00
79 T	Naphthalene	1.035	1.171	-13.1	91	0.00
80 T	Naphthalene,2-methyl-	0.385	0.328	14.8	59	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.680	-3.7	94	0.00

(#) = Out of Range

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