

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039278.D
 Acq On : 14 Jun 2022 9:20
 Operator : SY/AP
 Sample : VL0613ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 14 09:56:50 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	84	0.00
2 T	Dichlorodifluoromethane	1.756	1.926	-9.7	107	0.00
3	Chlorodifluoromethane	1.272	1.292	-1.6	95	0.00
4	Chloromethane	0.654	0.632	3.4	88	0.00
5 T	Vinyl Chloride	0.611	0.690	-12.9	99	0.00
6 T	Bromomethane	0.301	0.329	-9.3	102	0.00
7	Chloroethane	0.213	0.268	-25.8	112	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.858	-15.8	107	0.00
9 T	Propene	0.555	0.400	27.9	69	0.00
10 T	Heptane	1.294	1.138	12.1	78	0.00
11 T	Trichlorofluoromethane	1.590	2.170	-36.5#	130	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.501	-42.8#	131	0.00
13	Ethanol	0.030	0.034#	-13.3	101	0.00
14 T	Bromoethene	0.473	0.589	-24.5	111	0.00
15 T	Acetone	1.042	1.336	-28.2	123	0.00
16 T	1,3-Butadiene	0.560	0.649	-15.9	103	0.00
17	tert-Butyl alcohol	0.808	1.195	-47.9#	126	0.00
18 T	1,1-Dichloroethene	0.472	0.640	-35.6#	123	0.00
19 T	Isopropyl Alcohol	0.489	0.649	-32.7#	112	0.00
20 T	Methylene Chloride	0.439	0.523	-19.1	131	0.00
21 T	Allyl Chloride	0.703	0.926	-31.7#	118	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.678	-49.3#	130	0.00
23 T	Vinyl Acetate	0.862	1.001	-16.1	94	0.00
24 T	1,1-Dichloroethane	1.181	1.320	-11.8	105	0.00
25 T	Ethyl Acetate	2.348	2.282	2.8	89	0.00
26 T	Hexane	1.032	0.928	10.1	82	0.00
27 T	Carbon Disulfide	1.069	1.570	-46.9#	122	0.00
28 T	Methyl tert-Butyl Ether	1.139	1.207	-6.0	99	0.00
29 T	Chloroform	1.736	1.800	-3.7	95	0.00
30 T	Cyclohexane	0.867	0.716	17.4	76	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.040	1.1	88	0.00
32 T	1,1,1-Trichloroethane	1.699	1.938	-14.1	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
34 T	2-Butanone	0.543	0.608	-12.0	86	0.00
35 T	Carbon Tetrachloride	0.730	0.945	-29.5	102	0.00
36 T	Benzene	0.812	0.781	3.8	77	0.00
37 T	1,2-Dichloroethane	0.534	0.699	-30.9#	104	0.00
38 T	Trichloroethene	0.373	0.411	-10.2	83	0.00
39 T	1,2-Dichloropropane	0.323	0.302	6.5	75	0.00
40 T	1,4-Dioxane	0.106	0.103	2.8	76	0.00
41 T	Tetrahydrofuran	0.327	0.290	11.3	70	0.00
42 T	Bromodichloromethane	0.742	0.880	-18.6	93	0.00
43	Methyl Methacrylate	0.316	0.343	-8.5	81	0.00
44 T	2,2,4-Trimethylpentane	1.420	1.367	3.7	78	0.00
45 T	t-1,3-Dichloropropene	0.329	0.385	-17.0	76	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.468	-7.6	76	0.00
47 T	1,1,2-Trichloroethane	0.337	0.343	-1.8	80	0.00
48 T	Dibromochloromethane	0.602	0.708	-17.6	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.582	-16.2	86	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.878	-8.0	82	0.00
51 T	2-Hexanone	0.633	0.693	-9.5	83	0.00
52 T	Tetrachloroethene	0.317	0.298	6.0	77	0.00
53 T	Toluene	0.935	0.936	-0.1	79	0.00
54 T	1,2-Dibromoethane	0.453	0.487	-7.5	82	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
56	1,1,1,2-Tetrachloroethane	0.473	0.538	-13.7	92	0.00
57 T	Chlorobenzene	0.752	0.760	-1.1	82	0.00
58 T	Ethyl Benzene	1.377	1.429	-3.8	83	0.00
59 T	m/p-Xylene	1.213	1.334	-10.0	89	0.00
60 T	o-Xylene	1.140	1.329	-16.6	94	0.00
61 T	Styrene	0.610	0.668	-9.5	83	0.00
62	Isopropylbenzene	1.694	1.883	-11.2	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.640	0.672	-5.0	89	0.00
64	n-propylbenzene	0.416	0.467	-12.3	88	0.00
65	tert-Butylbenzene	1.549	1.820	-17.5	97	0.00
66 T	Benzyl Chloride	0.201	0.218	-8.5	66	0.00
67	sec-Butylbenzene	2.114	2.495	-18.0	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.997	-20.6	91	0.00
69	p-Isopropyltoluene	1.783	2.107	-18.2	97	0.00
70	n-Butylbenzene	1.830	2.258	-23.4	98	0.00
71	2-Chlorotoluene	1.292	1.467	-13.5	93	0.00
72 T	4-Ethyltoluene	1.336	1.571	-17.6	94	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.442	-19.7	95	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.625	-20.8	98	0.00
75 T	1,3-Dichlorobenzene	0.761	0.861	-13.1	90	0.00
76 T	1,4-Dichlorobenzene	0.759	0.828	-9.1	89	0.00
77 T	1,2-Dichlorobenzene	0.767	0.853	-11.2	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.744	-6.1	93	0.00
79 T	Naphthalene	1.035	1.252	-21.0	82	0.00
80 T	Naphthalene,2-methyl-	0.385	0.371	3.6	56	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.742	-13.1	86	0.00

(#) = Out of Range

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