

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039534.D
 Acq On : 26 Jul 2022 7:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 26 08:37:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 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	76	0.01
2 T	Dichlorodifluoromethane	1.442	0.932	35.4#	58	0.00
3	Chlorodifluoromethane	1.269	1.261	0.6	86	0.00
4	Chloromethane	0.694	0.723	-4.2	88	0.00
5 T	Vinyl Chloride	0.684	0.657	3.9	87	0.01
6 T	Bromomethane	0.288	0.300	-4.2	86	0.01
7	Chloroethane	0.243	0.250	-2.9	86	0.01
8 T	Dichlorotetrafluoroethane	1.576	1.450	8.0	78	0.00
9 T	Propene	0.573	0.551	3.8	84	0.00
10 T	Heptane	1.342	1.455	-8.4	85	0.01
11 T	Trichlorofluoromethane	1.607	1.683	-4.7	89	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.231	-2.8	86	0.01
13	Ethanol	0.033	0.041#	-24.2	106	0.00
14 T	Bromoethene	0.504	0.521	-3.4	85	0.01
15 T	Acetone	1.183	1.238	-4.6	88	0.01
16 T	1,3-Butadiene	0.614	0.670	-9.1	89	0.01
17	tert-Butyl alcohol	1.004	1.138	-13.3	85	0.02
18 T	1,1-Dichloroethene	0.543	0.551	-1.5	84	0.00
19 T	Isopropyl Alcohol	0.631	0.671	-6.3	85	0.01
20 T	Methylene Chloride	0.472	0.501	-6.1	94	0.01
21 T	Allyl Chloride	0.819	0.858	-4.8	87	0.02
22 T	trans-1,2-Dichloroethene	0.525	0.569	-8.4	85	0.01
23 T	Vinyl Acetate	0.791	0.840	-6.2	84	0.01
24 T	1,1-Dichloroethane	1.117	1.161	-3.9	88	0.01
25 T	Ethyl Acetate	2.426	2.664	-9.8	89	0.01
26 T	Hexane	0.978	1.135	-16.1	88	0.01
27 T	Carbon Disulfide	1.180	1.348	-14.2	88	0.01
28 T	Methyl tert-Butyl Ether	1.046	1.036	1.0	88	0.02
29 T	Chloroform	1.700	1.807	-6.3	88	0.02
30 T	Cyclohexane	0.890	0.956	-7.4	86	0.01
31 T	cis-1,2-Dichloroethene	1.038	1.101	-6.1	86	0.01
32 T	1,1,1-Trichloroethane	1.678	1.809	-7.8	88	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.02
34 T	2-Butanone	0.503	0.566	-12.5	86	0.02
35 T	Carbon Tetrachloride	0.618	0.698	-12.9	87	0.02
36 T	Benzene	0.774	0.839	-8.4	86	0.02
37 T	1,2-Dichloroethane	0.457	0.494	-8.1	87	0.02
38 T	Trichloroethene	0.419	0.462	-10.3	89	0.01
39 T	1,2-Dichloropropane	0.289	0.311	-7.6	85	0.01
40 T	1,4-Dioxane	0.115	0.128	-11.3	85	0.02
41 T	Tetrahydrofuran	0.292	0.322	-10.3	84	0.02
42 T	Bromodichloromethane	0.616	0.698	-13.3	87	0.02
43	Methyl Methacrylate	0.294	0.342	-16.3	86	0.01
44 T	2,2,4-Trimethylpentane	1.312	1.414	-7.8	86	0.01
45 T	t-1,3-Dichloropropene	0.262	0.342	-30.5#	82	0.01
46 T	cis-1,3-Dichloropropene	0.361	0.445	-23.3	83	0.02
47 T	1,1,2-Trichloroethane	0.324	0.357	-10.2	86	0.02
48 T	Dibromochloromethane	0.516	0.621	-20.3	86	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.519	-24.8	85	0.02
50 T	4-Methyl-2-Pentanone	0.761	0.892	-17.2	87	0.02
51 T	2-Hexanone	0.576	0.696	-20.8	85	0.02
52 T	Tetrachloroethene	0.312	0.333	-6.7	86	0.02
53 T	Toluene	0.893	1.023	-14.6	86	0.02
54 T	1,2-Dibromoethane	0.404	0.470	-16.3	85	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.01
56	1,1,1,2-Tetrachloroethane	0.442	0.480	-8.6	87	0.02
57 T	Chlorobenzene	0.775	0.823	-6.2	87	0.02
58 T	Ethyl Benzene	1.291	1.426	-10.5	86	0.02
59 T	m/p-Xylene	1.138	1.230	-8.1	86	0.02
60 T	o-Xylene	1.078	1.179	-9.4	86	0.02
61 T	Styrene	0.584	0.696	-19.2	84	0.02
62	Isopropylbenzene	1.642	1.744	-6.2	86	0.02
63 T	1,1,2,2-Tetrachloroethane	0.565	0.563	0.4	88	0.02
64	n-propylbenzene	0.416	0.460	-10.6	86	0.01
65	tert-Butylbenzene	1.517	1.602	-5.6	86	0.02
66 T	Benzyl Chloride	0.144	0.172	-19.4	73	0.01
67	sec-Butylbenzene	2.043	2.207	-8.0	87	0.02
68 S	1-Bromo-4-Fluorobenzene	0.742	0.755	-1.8	76	0.02
69	p-Isopropyltoluene	1.734	1.898	-9.5	86	0.02
70	n-Butylbenzene	1.683	1.853	-10.1	86	0.02
71	2-Chlorotoluene	1.175	1.288	-9.6	86	0.02
72 T	4-Ethyltoluene	1.267	1.430	-12.9	87	0.02
73 T	1,3,5-Trimethylbenzene	1.164	1.293	-11.1	86	0.02
74 T	1,2,4-Trimethylbenzene	1.288	1.408	-9.3	86	0.02
75 T	1,3-Dichlorobenzene	0.768	0.827	-7.7	84	0.02
76 T	1,4-Dichlorobenzene	0.761	0.811	-6.6	86	0.02
77 T	1,2-Dichlorobenzene	0.761	0.814	-7.0	85	0.01
78 T	Hexachloro-1,3-Butadiene	0.612	0.571	6.7	84	0.02
79 T	Naphthalene	0.886	1.099	-24.0	81	0.02
80 T	Naphthalene,2-methyl-	0.302	0.381	-26.2	81	0.02
81 T	1,2,4-Trichlorobenzene	0.577	0.632	-9.5	83	0.03

(#) = Out of Range

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