

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039508.D
 Acq On : 20 Jul 2022 11:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 21 05:30:53 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	75	0.03
2 T	Dichlorodifluoromethane	1.442	2.281	-58.2#	141	0.02
3	Chlorodifluoromethane	1.269	1.367	-7.7	92	0.02
4	Chloromethane	0.694	0.744	-7.2	89	0.02
5 T	Vinyl Chloride	0.684	0.734	-7.3	96	0.02
6 T	Bromomethane	0.288	0.323	-12.2	92	0.02
7	Chloroethane	0.243	0.270	-11.1	92	0.02
8 T	Dichlorotetrafluoroethane	1.576	1.782	-13.1	94	0.02
9 T	Propene	0.573	0.618	-7.9	93	0.02
10 T	Heptane	1.342	1.525	-13.6	88	0.03
11 T	Trichlorofluoromethane	1.607	1.739	-8.2	90	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.288	-7.5	89	0.02
13	Ethanol	0.033	0.040#	-21.2	102	0.02
14 T	Bromoethene	0.504	0.556	-10.3	90	0.02
15 T	Acetone	1.183	1.280	-8.2	90	0.02
16 T	1,3-Butadiene	0.614	0.688	-12.1	90	0.02
17	tert-Butyl alcohol	1.004	1.100	-9.6	81	0.02
18 T	1,1-Dichloroethene	0.543	0.572	-5.3	86	0.02
19 T	Isopropyl Alcohol	0.631	0.600	4.9	75	0.02
20 T	Methylene Chloride	0.472	0.477	-1.1	88	0.02
21 T	Allyl Chloride	0.819	0.906	-10.6	90	0.02
22 T	trans-1,2-Dichloroethene	0.525	0.588	-12.0	87	0.03
23 T	Vinyl Acetate	0.791	1.029	-30.1#	102	0.03
24 T	1,1-Dichloroethane	1.117	1.254	-12.3	94	0.03
25 T	Ethyl Acetate	2.426	2.750	-13.4	90	0.02
26 T	Hexane	0.978	1.187	-21.4	91	0.03
27 T	Carbon Disulfide	1.180	1.368	-15.9	88	0.02
28 T	Methyl tert-Butyl Ether	1.046	1.230	-17.6	103	0.03
29 T	Chloroform	1.700	1.900	-11.8	91	0.03
30 T	Cyclohexane	0.890	1.004	-12.8	89	0.03
31 T	cis-1,2-Dichloroethene	1.038	1.186	-14.3	91	0.03
32 T	1,1,1-Trichloroethane	1.678	1.898	-13.1	91	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.03
34 T	2-Butanone	0.503	0.593	-17.9	90	0.03
35 T	Carbon Tetrachloride	0.618	0.727	-17.6	91	0.03
36 T	Benzene	0.774	0.881	-13.8	90	0.03
37 T	1,2-Dichloroethane	0.457	0.510	-11.6	90	0.03
38 T	Trichloroethene	0.419	0.472	-12.6	91	0.03
39 T	1,2-Dichloropropane	0.289	0.328	-13.5	90	0.03
40 T	1,4-Dioxane	0.115	0.109	5.2	73	0.04
41 T	Tetrahydrofuran	0.292	0.345	-18.2	90	0.03
42 T	Bromodichloromethane	0.616	0.726	-17.9	90	0.04
43	Methyl Methacrylate	0.294	0.359	-22.1	90	0.03
44 T	2,2,4-Trimethylpentane	1.312	1.461	-11.4	89	0.03
45 T	t-1,3-Dichloropropene	0.262	0.361	-37.8#	87	0.04
46 T	cis-1,3-Dichloropropene	0.361	0.466	-29.1	87	0.04
47 T	1,1,2-Trichloroethane	0.324	0.363	-12.0	88	0.04
48 T	Dibromochloromethane	0.516	0.653	-26.6	90	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.544	-30.8#	89	0.04
50 T	4-Methyl-2-Pentanone	0.761	0.925	-21.6	90	0.03
51 T	2-Hexanone	0.576	0.715	-24.1	88	0.04
52 T	Tetrachloroethene	0.312	0.349	-11.9	91	0.04
53 T	Toluene	0.893	1.058	-18.5	89	0.04
54 T	1,2-Dibromoethane	0.404	0.477	-18.1	86	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.04
56	1,1,1,2-Tetrachloroethane	0.442	0.483	-9.3	90	0.03
57 T	Chlorobenzene	0.775	0.821	-5.9	89	0.04
58 T	Ethyl Benzene	1.291	1.432	-10.9	88	0.04
59 T	m/p-Xylene	1.138	1.231	-8.2	88	0.04
60 T	o-Xylene	1.078	1.194	-10.8	89	0.04
61 T	Styrene	0.584	0.710	-21.6	88	0.04
62	Isopropylbenzene	1.642	1.778	-8.3	90	0.04
63 T	1,1,2,2-Tetrachloroethane	0.565	0.566	-0.2	90	0.04
64	n-propylbenzene	0.416	0.469	-12.7	90	0.04
65	tert-Butylbenzene	1.517	1.640	-8.1	91	0.04
66 T	Benzyl Chloride	0.144	0.176	-22.2	77	0.04
67	sec-Butylbenzene	2.043	2.231	-9.2	90	0.04
68 S	1-Bromo-4-Fluorobenzene	0.742	0.772	-4.0	80	0.04
69	p-Isopropyltoluene	1.734	1.928	-11.2	90	0.04
70	n-Butylbenzene	1.683	1.856	-10.3	88	0.04
71	2-Chlorotoluene	1.175	1.306	-11.1	90	0.04
72 T	4-Ethyltoluene	1.267	1.443	-13.9	90	0.04
73 T	1,3,5-Trimethylbenzene	1.164	1.326	-13.9	90	0.04
74 T	1,2,4-Trimethylbenzene	1.288	1.426	-10.7	89	0.04
75 T	1,3-Dichlorobenzene	0.768	0.849	-10.5	89	0.04
76 T	1,4-Dichlorobenzene	0.761	0.824	-8.3	89	0.04
77 T	1,2-Dichlorobenzene	0.761	0.821	-7.9	88	0.04
78 T	Hexachloro-1,3-Butadiene	0.612	0.584	4.6	88	0.04
79 T	Naphthalene	0.886	1.110	-25.3	84	0.05
80 T	Naphthalene,2-methyl-	0.302	0.359	-18.9	78	0.04
81 T	1,2,4-Trichlorobenzene	0.577	0.644	-11.6	86	0.05

(#) = Out of Range

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