

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038251.D
 Acq On : 30 Dec 2021 8:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 31 05:41:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
 QLast Update : Tue Dec 21 17:47:08 2021
 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	87	0.00
2 T	Dichlorodifluoromethane	1.884	1.571	16.6	89	0.00
3	Chlorodifluoromethane	2.101	1.878	10.6	92	0.00
4	Chloromethane	0.729	0.640	12.2	88	0.00
5 T	Vinyl Chloride	0.732	0.648	11.5	88	0.00
6 T	Bromomethane	0.373	0.385	-3.2	93	0.00
7	Chloroethane	0.247	0.228	7.7	88	0.00
8 T	Dichlorotetrafluoroethane	1.788	1.589	11.1	90	0.00
9 T	Propene	0.730	0.616	15.6	85	0.00
10 T	Heptane	1.851	1.584	14.4	86	0.00
11 T	Trichlorofluoromethane	1.731	1.656	4.3	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.307	1.206	7.7	92	0.00
13	Ethanol	0.124	0.070	43.5#	73	0.00
14 T	Bromoethene	0.521	0.487	6.5	90	0.00
15 T	Acetone	1.004	0.874	12.9	99	0.00
16 T	1,3-Butadiene	0.684	0.649	5.1	92	0.00
17	tert-Butyl alcohol	1.102	1.019	7.5	86	0.00
18 T	1,1-Dichloroethene	0.572	0.527	7.9	92	0.00
19 T	Isopropyl Alcohol	0.626	0.545	12.9	86	0.00
20 T	Methylene Chloride	0.567	0.439	22.6	93	0.00
21 T	Allyl Chloride	0.849	0.805	5.2	91	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.560	4.1	88	0.00
23 T	Vinyl Acetate	1.359	1.284	5.5	88	0.00
24 T	1,1-Dichloroethane	1.215	1.112	8.5	90	0.00
25 T	Ethyl Acetate	2.719	2.495	8.2	91	0.00
26 T	Hexane	1.364	1.108	18.8	85	0.00
27 T	Carbon Disulfide	1.201	1.448	-20.6	105	0.00
28 T	Methyl tert-Butyl Ether	1.371	1.160	15.4	83	0.00
29 T	Chloroform	2.024	1.843	8.9	93	0.00
30 T	Cyclohexane	1.208	0.932	22.8	76	0.00
31 T	cis-1,2-Dichloroethene	1.070	1.134	-6.0	103	0.00
32 T	1,1,1-Trichloroethane	2.009	1.826	9.1	89	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
34 T	2-Butanone	0.301	0.339	-12.6	88	0.00
35 T	Carbon Tetrachloride	0.617	0.758	-22.9	94	0.00
36 T	Benzene	0.933	0.898	3.8	80	0.00
37 T	1,2-Dichloroethane	0.468	0.544	-16.2	93	0.00
38 T	Trichloroethene	0.355	0.324	8.7	79	0.00
39 T	1,2-Dichloropropane	0.359	0.352	1.9	81	0.00
40 T	1,4-Dioxane	0.104	0.086	17.3	82	0.00
41 T	Tetrahydrofuran	0.220	0.227	-3.2	81	0.00
42 T	Bromodichloromethane	0.666	0.791	-18.8	91	0.00
43	Methyl Methacrylate	0.321	0.336	-4.7	81	0.00
44 T	2,2,4-Trimethylpentane	1.585	1.539	2.9	84	0.00
45 T	t-1,3-Dichloropropene	0.238	0.321	-34.9#	89	0.00
46 T	cis-1,3-Dichloropropene	0.329	0.401	-21.9	86	0.00
47 T	1,1,2-Trichloroethane	0.373	0.343	8.0	76	0.00
48 T	Dibromochloromethane	0.524	0.616	-17.6	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.372	0.449	-20.7	83	0.00
50 T	4-Methyl-2-Pentanone	0.546	0.666	-22.0	92	0.00
51 T	2-Hexanone	0.262	0.313	-19.5	93	0.00
52 T	Tetrachloroethene	0.344	0.278	19.2	72	0.00
53 T	Toluene	1.076	0.988	8.2	76	0.00
54 T	1,2-Dibromoethane	0.529	0.501	5.3	75	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
56	1,1,1,2-Tetrachloroethane	0.416	0.417	-0.2	82	0.00
57 T	Chlorobenzene	0.867	0.715	17.5	73	0.00
58 T	Ethyl Benzene	1.552	1.381	11.0	77	0.00
59 T	m/p-Xylene	1.327	1.181	11.0	78	0.00
60 T	o-Xylene	1.230	1.090	11.4	78	0.00
61 T	Styrene	0.623	0.543	12.8	68	0.00
62	Isopropylbenzene	1.727	1.424	17.5	72	0.00
63 T	1,1,2,2-Tetrachloroethane	0.946	0.775	18.1	79	0.00
64	n-propylbenzene	0.429	0.351	18.2	69	0.00
65	tert-Butylbenzene	1.520	1.239	18.5	74	0.00
66 T	Benzyl Chloride	0.057	0.089	-56.1#	114	0.00
67	sec-Butylbenzene	2.089	1.760	15.7	75	0.00
68 S	1-Bromo-4-Fluorobenzene	0.771	0.817	-6.0	80	0.00
69	p-Isopropyltoluene	1.680	1.440	14.3	75	0.00
70	n-Butylbenzene	1.597	1.568	1.8	85	0.00
71	2-Chlorotoluene	1.285	1.093	14.9	75	0.00
72 T	4-Ethyltoluene	1.416	1.212	14.4	72	0.00
73 T	1,3,5-Trimethylbenzene	1.268	1.100	13.2	73	0.00
74 T	1,2,4-Trimethylbenzene	1.331	1.166	12.4	77	0.00
75 T	1,3-Dichlorobenzene	0.719	0.657	8.6	77	0.00
76 T	1,4-Dichlorobenzene	0.714	0.637	10.8	77	0.00
77 T	1,2-Dichlorobenzene	0.689	0.643	6.7	80	0.00
78 T	Hexachloro-1,3-Butadiene	0.425	0.495	-16.5	113	0.00
79 T	Naphthalene	0.688	0.988	-43.6#	109	0.00
80 T	Naphthalene,2-methyl-	0.136	0.156	-14.7	85	0.00
81 T	1,2,4-Trichlorobenzene	0.393	0.513	-30.5#	111	0.00

(#) = Out of Range

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