

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111021\
 Data File : VL038021.D
 Acq On : 11 Nov 2021 10:09
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 12 06:04:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	77	-0.01
2 T	Dichlorodifluoromethane	1.409	1.680	-19.2	97	0.00
3	Chlorodifluoromethane	1.862	1.608	13.6	75	0.00
4	Chloromethane	0.707	0.552	21.9	67	0.00
5 T	Vinyl Chloride	0.682	0.562	17.6	68	0.00
6 T	Bromomethane	0.368	0.189	48.6#	41	-0.02
7	Chloroethane	0.246	0.202	17.9	69	0.00
8 T	Dichlorotetrafluoroethane	1.623	1.326	18.3	71	0.00
9 T	Propene	0.667	0.556	16.6	73	0.00
10 T	Heptane	1.553	1.369	11.8	68	-0.02
11 T	Trichlorofluoromethane	1.403	1.210	13.8	71	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.094	0.937	14.4	71	-0.02
13	Ethanol	0.067	0.059	11.9	74	-0.02
14 T	Bromoethene	0.478	0.404	15.5	70	-0.01
15 T	Acetone	0.826	0.618	25.2	67	0.00
16 T	1,3-Butadiene	0.651	0.620	4.8	78	-0.01
17	tert-Butyl alcohol	0.859	0.668	22.2	65	0.00
18 T	1,1-Dichloroethene	0.503	0.419	16.7	71	-0.02
19 T	Isopropyl Alcohol	0.528	0.387	26.7	60	0.00
20 T	Methylene Chloride	0.454	0.343	24.4	68	-0.02
21 T	Allyl Chloride	0.762	0.552	27.6	59	-0.01
22 T	trans-1,2-Dichloroethene	0.500	0.415	17.0	68	-0.02
23 T	Vinyl Acetate	1.244	0.992	20.3	66	-0.02
24 T	1,1-Dichloroethane	1.028	0.878	14.6	71	-0.02
25 T	Ethyl Acetate	2.454	1.998	18.6	66	0.00
26 T	Hexane	1.163	1.008	13.3	70	-0.01
27 T	Carbon Disulfide	1.148	1.046	8.9	68	-0.02
28 T	Methyl tert-Butyl Ether	0.978	0.875	10.5	73	-0.01
29 T	Chloroform	1.734	1.392	19.7	68	-0.02
30 T	Cyclohexane	0.994	0.863	13.2	71	-0.02
31 T	cis-1,2-Dichloroethene	1.061	0.939	11.5	69	-0.02
32 T	1,1,1-Trichloroethane	1.705	1.325	22.3	68	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.02
34 T	2-Butanone	0.371	0.287	22.6	68	-0.02
35 T	Carbon Tetrachloride	0.605	0.429	29.1	65	-0.02
36 T	Benzene	0.814	0.676	17.0	69	-0.02
37 T	1,2-Dichloroethane	0.387	0.324	16.3	70	-0.02
38 T	Trichloroethene	0.338	0.267	21.0	70	-0.02
39 T	1,2-Dichloropropane	0.306	0.266	13.1	73	-0.02
40 T	1,4-Dioxane	0.081	0.064	21.0	69	-0.02
41 T	Tetrahydrofuran	0.181	0.148	18.2	67	-0.01
42 T	Bromodichloromethane	0.585	0.496	15.2	71	-0.02
43	Methyl Methacrylate	0.267	0.256	4.1	74	-0.02
44 T	2,2,4-Trimethylpentane	1.385	1.155	16.6	71	-0.02
45 T	t-1,3-Dichloropropene	0.196	0.079	59.7#	28	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.270	0.142	47.4#	37	-0.02
47 T	1,1,2-Trichloroethane	0.344	0.277	19.5	70	-0.02
48 T	Dibromochloromethane	0.487	0.443	9.0	72	-0.02
49 T	Bromoform	0.385	0.372	3.4	76	-0.02
50 T	4-Methyl-2-Pentanone	0.487	0.456	6.4	73	-0.02
51 T	2-Hexanone	0.205	0.238	-16.1	87	-0.02
52 T	Tetrachloroethene	0.309	0.260	15.9	74	-0.02
53 T	Toluene	0.873	0.808	7.4	72	-0.02
54 T	1,2-Dibromoethane	0.444	0.370	16.7	67	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.404	0.331	18.1	73	-0.02
57 T	Chlorobenzene	0.798	0.641	19.7	72	-0.02
58 T	Ethyl Benzene	1.223	1.144	6.5	76	-0.02
59 T	m/p-Xylene	1.087	0.934	14.1	72	-0.02
60 T	o-Xylene	1.025	0.888	13.4	73	-0.02
61 T	Styrene	0.471	0.478	-1.5	72	-0.02
62	Isopropylbenzene	1.451	1.271	12.4	76	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.882	0.638	27.7	73	-0.03
64	n-propylbenzene	0.372	0.338	9.1	75	-0.02
65	tert-Butylbenzene	1.282	1.109	13.5	77	-0.02
66 T	Benzyl Chloride	0.067	0.017#	74.6#	17#	-0.02
67	sec-Butylbenzene	1.767	1.550	12.3	77	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.727	0.740	-1.8	80	-0.02
69	p-Isopropyltoluene	1.417	1.286	9.2	78	-0.02
70	n-Butylbenzene	1.302	1.241	4.7	79	-0.02
71	2-Chlorotoluene	1.017	0.944	7.2	77	-0.02
72 T	4-Ethyltoluene	1.174	1.062	9.5	75	-0.02
73 T	1,3,5-Trimethylbenzene	1.099	0.944	14.1	73	-0.02
74 T	1,2,4-Trimethylbenzene	1.152	0.974	15.5	74	-0.03
75 T	1,3-Dichlorobenzene	0.717	0.599	16.5	75	-0.02
76 T	1,4-Dichlorobenzene	0.694	0.575	17.1	74	-0.02
77 T	1,2-Dichlorobenzene	0.673	0.594	11.7	80	-0.02
78 T	Hexachloro-1,3-Butadiene	0.576	0.438	24.0	78	-0.02
79 T	Naphthalene	0.664	0.649	2.3	66	-0.03
80 T	Naphthalene,2-methyl-	0.129	0.101	21.7	36	-0.01
81 T	1,2,4-Trichlorobenzene	0.432	0.395	8.6	72	-0.03

(#) = Out of Range

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