

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL038005.D
 Acq On : 10 Nov 2021 7:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 10 08:29:01 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	1.409	1.361	3.4	90	0.00
3	Chlorodifluoromethane	1.862	1.720	7.6	91	0.00
4	Chloromethane	0.707	0.598	15.4	83	0.00
5 T	Vinyl Chloride	0.682	0.610	10.6	84	0.00
6 T	Bromomethane	0.368	0.204	44.6#	51	0.00
7	Chloroethane	0.246	0.208	15.4	82	0.00
8 T	Dichlorotetrafluoroethane	1.623	1.397	13.9	85	0.00
9 T	Propene	0.667	0.616	7.6	93	0.00
10 T	Heptane	1.553	1.509	2.8	86	0.00
11 T	Trichlorofluoromethane	1.403	1.226	12.6	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.094	0.971	11.2	84	0.00
13	Ethanol	0.067	0.068	-1.5	98	0.00
14 T	Bromoethene	0.478	0.428	10.5	85	0.00
15 T	Acetone	0.826	0.715	13.4	89	0.00
16 T	1,3-Butadiene	0.651	0.652	-0.2	93	0.00
17	tert-Butyl alcohol	0.859	0.814	5.2	90	0.00
18 T	1,1-Dichloroethene	0.503	0.433	13.9	83	0.00
19 T	Isopropyl Alcohol	0.528	0.490	7.2	86	0.00
20 T	Methylene Chloride	0.454	0.354	22.0	80	0.00
21 T	Allyl Chloride	0.762	0.599	21.4	73	0.00
22 T	trans-1,2-Dichloroethene	0.500	0.441	11.8	83	0.00
23 T	Vinyl Acetate	1.244	1.081	13.1	83	0.00
24 T	1,1-Dichloroethane	1.028	0.916	10.9	85	0.00
25 T	Ethyl Acetate	2.454	2.218	9.6	84	0.00
26 T	Hexane	1.163	1.079	7.2	86	0.00
27 T	Carbon Disulfide	1.148	1.029	10.4	76	0.00
28 T	Methyl tert-Butyl Ether	0.978	0.915	6.4	88	0.00
29 T	Chloroform	1.734	1.474	15.0	82	0.00
30 T	Cyclohexane	0.994	0.930	6.4	88	0.00
31 T	cis-1,2-Dichloroethene	1.061	1.008	5.0	85	0.00
32 T	1,1,1-Trichloroethane	1.705	1.429	16.2	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.371	0.353	4.9	90	0.00
35 T	Carbon Tetrachloride	0.605	0.493	18.5	80	0.00
36 T	Benzene	0.814	0.775	4.8	86	0.00
37 T	1,2-Dichloroethane	0.387	0.353	8.8	82	0.00
38 T	Trichloroethene	0.338	0.292	13.6	82	0.00
39 T	1,2-Dichloropropane	0.306	0.300	2.0	88	0.00
40 T	1,4-Dioxane	0.081	0.069	14.8	80	0.00
41 T	Tetrahydrofuran	0.181	0.180	0.6	87	0.00
42 T	Bromodichloromethane	0.585	0.542	7.4	83	0.00
43	Methyl Methacrylate	0.267	0.288	-7.9	89	0.00
44 T	2,2,4-Trimethylpentane	1.385	1.318	4.8	87	0.00
45 T	t-1,3-Dichloropropene	0.196	0.088	55.1#	34	0.00
46 T	cis-1,3-Dichloropropene	0.270	0.154	43.0#	44	0.00
47 T	1,1,2-Trichloroethane	0.344	0.313	9.0	85	0.00
48 T	Dibromochloromethane	0.487	0.479	1.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.385	0.409	-6.2	89	0.00
50 T	4-Methyl-2-Pentanone	0.487	0.536	-10.1	92	0.00
51 T	2-Hexanone	0.205	0.267	-30.2#	105	0.00
52 T	Tetrachloroethene	0.309	0.283	8.4	87	0.00
53 T	Toluene	0.873	0.882	-1.0	85	0.00
54 T	1,2-Dibromoethane	0.444	0.396	10.8	77	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.392	3.0	87	0.00
57 T	Chlorobenzene	0.798	0.736	7.8	84	0.00
58 T	Ethyl Benzene	1.223	1.292	-5.6	87	0.00
59 T	m/p-Xylene	1.087	1.071	1.5	84	0.00
60 T	o-Xylene	1.025	1.017	0.8	85	0.00
61 T	Styrene	0.471	0.538	-14.2	82	0.00
62	Isopropylbenzene	1.451	1.457	-0.4	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.882	0.760	13.8	88	0.00
64	n-propylbenzene	0.372	0.391	-5.1	88	0.00
65	tert-Butylbenzene	1.282	1.280	0.2	90	0.00
66 T	Benzyl Chloride	0.067	0.028#	58.2#	29	0.00
67	sec-Butylbenzene	1.767	1.795	-1.6	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.727	0.724	0.4	80	0.00
69	p-Isopropyltoluene	1.417	1.488	-5.0	91	0.00
70	n-Butylbenzene	1.302	1.432	-10.0	92	0.00
71	2-Chlorotoluene	1.017	1.090	-7.2	90	0.00
72 T	4-Ethyltoluene	1.174	1.232	-4.9	88	0.00
73 T	1,3,5-Trimethylbenzene	1.099	1.089	0.9	85	0.00
74 T	1,2,4-Trimethylbenzene	1.152	1.127	2.2	86	0.00
75 T	1,3-Dichlorobenzene	0.717	0.713	0.6	90	0.00
76 T	1,4-Dichlorobenzene	0.694	0.677	2.4	88	0.00
77 T	1,2-Dichlorobenzene	0.673	0.690	-2.5	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.576	0.530	8.0	95	0.00
79 T	Naphthalene	0.664	0.809	-21.8	84	0.00
80 T	Naphthalene,2-methyl-	0.129	0.169	-31.0#	62	0.00
81 T	1,2,4-Trichlorobenzene	0.432	0.504	-16.7	93	0.00

(#) = Out of Range

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