

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037736.D
 Acq On : 30 Sep 2021 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 01 01:17:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 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	74	0.00
2 T	Dichlorodifluoromethane	1.810	1.586	12.4	60	0.00
3	Chlorodifluoromethane	1.886	2.018	-7.0	86	0.00
4	Chloromethane	0.697	0.770	-10.5	87	0.00
5 T	Vinyl Chloride	0.655	0.774	-18.2	87	0.00
6 T	Bromomethane	0.380	0.411	-8.2	82	0.00
7	Chloroethane	0.245	0.262	-6.9	88	0.00
8 T	Dichlorotetrafluoroethane	1.561	1.722	-10.3	86	0.00
9 T	Propene	0.665	0.755	-13.5	92	0.00
10 T	Heptane	1.553	1.849	-19.1	87	0.00
11 T	Trichlorofluoromethane	1.453	1.555	-7.0	85	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.189	-10.9	89	0.00
13	Ethanol	0.065	0.075	-15.4	91	0.00
14 T	Bromoethene	0.488	0.541	-10.9	88	0.00
15 T	Acetone	1.039	0.948	8.8	88	0.00
16 T	1,3-Butadiene	0.649	0.741	-14.2	88	0.00
17	tert-Butyl alcohol	0.881	0.968	-9.9	80	0.00
18 T	1,1-Dichloroethene	0.500	0.540	-8.0	89	0.00
19 T	Isopropyl Alcohol	0.565	0.602	-6.5	84	0.00
20 T	Methylene Chloride	0.496	0.475	4.2	88	0.00
21 T	Allyl Chloride	0.776	0.873	-12.5	87	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.560	-11.3	88	0.00
23 T	Vinyl Acetate	1.438	1.628	-13.2	82	0.00
24 T	1,1-Dichloroethane	1.030	1.103	-7.1	87	0.00
25 T	Ethyl Acetate	2.516	2.845	-13.1	86	0.00
26 T	Hexane	1.195	1.346	-12.6	84	0.00
27 T	Carbon Disulfide	1.094	1.326	-21.2	88	0.00
28 T	Methyl tert-Butyl Ether	1.053	1.159	-10.1	86	0.00
29 T	Chloroform	1.745	1.886	-8.1	84	0.00
30 T	Cyclohexane	1.022	1.145	-12.0	86	0.00
31 T	cis-1,2-Dichloroethene	1.085	1.272	-17.2	86	0.00
32 T	1,1,1-Trichloroethane	1.625	1.797	-10.6	83	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
34 T	2-Butanone	0.406	0.432	-6.4	86	0.00
35 T	Carbon Tetrachloride	0.566	0.633	-11.8	84	0.00
36 T	Benzene	0.834	0.949	-13.8	87	0.00
37 T	1,2-Dichloroethane	0.410	0.452	-10.2	84	0.00
38 T	Trichloroethene	0.348	0.368	-5.7	84	0.00
39 T	1,2-Dichloropropane	0.319	0.365	-14.4	86	0.00
40 T	1,4-Dioxane	0.078	0.085	-9.0	77	0.00
41 T	Tetrahydrofuran	0.191	0.225	-17.8	86	0.00
42 T	Bromodichloromethane	0.588	0.674	-14.6	84	0.00
43	Methyl Methacrylate	0.277	0.338	-22.0	84	0.00
44 T	2,2,4-Trimethylpentane	1.402	1.566	-11.7	86	0.00
45 T	t-1,3-Dichloropropene	0.218	0.305	-39.9#	87	0.00
46 T	cis-1,3-Dichloropropene	0.294	0.394	-34.0#	87	0.00
47 T	1,1,2-Trichloroethane	0.353	0.378	-7.1	83	0.00
48 T	Dibromochloromethane	0.493	0.594	-20.5	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.494	-25.4	80	0.00
50 T	4-Methyl-2-Pentanone	0.516	0.620	-20.2	87	0.00
51 T	2-Hexanone	0.228	0.294	-28.9	87	0.00
52 T	Tetrachloroethene	0.320	0.350	-9.4	85	0.00
53 T	Toluene	0.927	1.100	-18.7	86	0.00
54 T	1,2-Dibromoethane	0.484	0.544	-12.4	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
56	1,1,1,2-Tetrachloroethane	0.415	0.467	-12.5	81	0.00
57 T	Chlorobenzene	0.831	0.920	-10.7	83	0.00
58 T	Ethyl Benzene	1.327	1.596	-20.3	83	0.00
59 T	m/p-Xylene	1.157	1.338	-15.6	83	0.00
60 T	o-Xylene	1.101	1.233	-12.0	82	0.00
61 T	Styrene	0.543	0.722	-33.0#	83	0.00
62	Isopropylbenzene	1.538	1.735	-12.8	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.862	0.897	-4.1	83	0.00
64	n-propylbenzene	0.397	0.478	-20.4	83	0.00
65	tert-Butylbenzene	1.387	1.531	-10.4	84	0.00
66 T	Benzyl Chloride	0.076	0.108	-42.1#	95	0.00
67	sec-Butylbenzene	1.882	2.146	-14.0	85	0.00
68 S	1-Bromo-4-Fluorobenzene	0.723	0.768	-6.2	72	0.00
69	p-Isopropyltoluene	1.537	1.796	-16.9	85	0.00
70	n-Butylbenzene	1.454	1.747	-20.2	85	0.00
71	2-Chlorotoluene	1.102	1.301	-18.1	82	0.00
72 T	4-Ethyltoluene	1.264	1.513	-19.7	83	0.00
73 T	1,3,5-Trimethylbenzene	1.178	1.349	-14.5	82	0.00
74 T	1,2,4-Trimethylbenzene	1.241	1.408	-13.5	84	0.00
75 T	1,3-Dichlorobenzene	0.771	0.875	-13.5	84	0.00
76 T	1,4-Dichlorobenzene	0.760	0.848	-11.6	82	0.00
77 T	1,2-Dichlorobenzene	0.731	0.837	-14.5	85	0.00
78 T	Hexachloro-1,3-Butadiene	0.615	0.605	1.6	85	0.00
79 T	Naphthalene	0.762	1.013	-32.9#	86	0.00
80 T	Naphthalene,2-methyl-	0.174	0.307	-76.4#	95	0.00
81 T	1,2,4-Trichlorobenzene	0.489	0.600	-22.7	86	0.02

(#) = Out of Range

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