

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037697.D
 Acq On : 28 Sep 2021 1:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 28 03:18:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	87	0.03
2 T	Dichlorodifluoromethane	1.810	1.266	30.1#	56	0.02
3	Chlorodifluoromethane	1.886	1.759	6.7	88	0.02
4	Chloromethane	0.697	0.666	4.4	88	0.02
5 T	Vinyl Chloride	0.655	0.682	-4.1	89	0.02
6 T	Bromomethane	0.380	0.355	6.6	82	0.02
7	Chloroethane	0.245	0.237	3.3	93	0.02
8 T	Dichlorotetrafluoroethane	1.561	1.524	2.4	88	0.02
9 T	Propene	0.665	0.671	-0.9	95	0.02
10 T	Heptane	1.553	1.628	-4.8	89	0.03
11 T	Trichlorofluoromethane	1.453	1.361	6.3	87	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.005	6.3	88	0.02
13	Ethanol	0.065	0.073	-12.3	104	0.02
14 T	Bromoethene	0.488	0.470	3.7	89	0.02
15 T	Acetone	1.039	0.789	24.1	85	0.02
16 T	1,3-Butadiene	0.649	0.657	-1.2	91	0.02
17	tert-Butyl alcohol	0.881	0.927	-5.2	89	0.02
18 T	1,1-Dichloroethene	0.500	0.466	6.8	90	0.02
19 T	Isopropyl Alcohol	0.565	0.577	-2.1	94	0.02
20 T	Methylene Chloride	0.496	0.390	21.4	84	0.02
21 T	Allyl Chloride	0.776	0.790	-1.8	92	0.02
22 T	trans-1,2-Dichloroethene	0.503	0.473	6.0	87	0.02
23 T	Vinyl Acetate	1.438	1.661	-15.5	98	0.02
24 T	1,1-Dichloroethane	1.030	1.118	-8.5	103	0.02
25 T	Ethyl Acetate	2.516	2.536	-0.8	89	0.02
26 T	Hexane	1.195	1.195	0.0	87	0.02
27 T	Carbon Disulfide	1.094	1.108	-1.3	86	0.02
28 T	Methyl tert-Butyl Ether	1.053	1.308	-24.2	113	0.02
29 T	Chloroform	1.745	1.658	5.0	86	0.02
30 T	Cyclohexane	1.022	0.984	3.7	86	0.03
31 T	cis-1,2-Dichloroethene	1.085	1.136	-4.7	90	0.02
32 T	1,1,1-Trichloroethane	1.625	1.564	3.8	85	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.03
34 T	2-Butanone	0.406	0.376	7.4	88	0.02
35 T	Carbon Tetrachloride	0.566	0.541	4.4	84	0.03
36 T	Benzene	0.834	0.836	-0.2	89	0.03
37 T	1,2-Dichloroethane	0.410	0.394	3.9	86	0.03
38 T	Trichloroethene	0.348	0.320	8.0	85	0.03
39 T	1,2-Dichloropropane	0.319	0.316	0.9	87	0.03
40 T	1,4-Dioxane	0.078	0.083	-6.4	88	0.03
41 T	Tetrahydrofuran	0.191	0.203	-6.3	91	0.03
42 T	Bromodichloromethane	0.588	0.575	2.2	84	0.03
43	Methyl Methacrylate	0.277	0.306	-10.5	89	0.02
44 T	2,2,4-Trimethylpentane	1.402	1.380	1.6	88	0.03
45 T	t-1,3-Dichloropropene	0.218	0.266	-22.0	89	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.294	0.345	-17.3	89	0.02
47 T	1,1,2-Trichloroethane	0.353	0.327	7.4	84	0.03
48 T	Dibromochloromethane	0.493	0.509	-3.2	83	0.03
49 T	Bromoform	0.394	0.392	0.5	75	0.03
50 T	4-Methyl-2-Pentanone	0.516	0.549	-6.4	90	0.02
51 T	2-Hexanone	0.228	0.252	-10.5	88	0.03
52 T	Tetrachloroethene	0.320	0.303	5.3	86	0.03
53 T	Toluene	0.927	0.962	-3.8	88	0.03
54 T	1,2-Dibromoethane	0.484	0.466	3.7	83	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.02
56	1,1,1,2-Tetrachloroethane	0.415	0.375	9.6	81	0.02
57 T	Chlorobenzene	0.831	0.734	11.7	82	0.03
58 T	Ethyl Benzene	1.327	1.294	2.5	84	0.03
59 T	m/p-Xylene	1.157	1.057	8.6	82	0.03
60 T	o-Xylene	1.101	0.993	9.8	82	0.03
61 T	Styrene	0.543	0.568	-4.6	81	0.03
62	Isopropylbenzene	1.538	1.407	8.5	84	0.03
63 T	1,1,2,2-Tetrachloroethane	0.862	0.693	19.6	80	0.03
64	n-propylbenzene	0.397	0.367	7.6	80	0.03
65	tert-Butylbenzene	1.387	1.218	12.2	83	0.03
66 T	Benzyl Chloride	0.076	0.074	2.6	82	0.02
67	sec-Butylbenzene	1.882	1.690	10.2	84	0.03
68 S	1-Bromo-4-Fluorobenzene	0.723	0.720	0.4	84	0.03
69	p-Isopropyltoluene	1.537	1.417	7.8	83	0.03
70	n-Butylbenzene	1.454	1.389	4.5	84	0.03
71	2-Chlorotoluene	1.102	1.006	8.7	79	0.03
72 T	4-Ethyltoluene	1.264	1.148	9.2	79	0.03
73 T	1,3,5-Trimethylbenzene	1.178	1.064	9.7	81	0.03
74 T	1,2,4-Trimethylbenzene	1.241	1.104	11.0	83	0.03
75 T	1,3-Dichlorobenzene	0.771	0.674	12.6	80	0.03
76 T	1,4-Dichlorobenzene	0.760	0.651	14.3	79	0.03
77 T	1,2-Dichlorobenzene	0.731	0.649	11.2	83	0.03
78 T	Hexachloro-1,3-Butadiene	0.615	0.530	13.8	94	0.03
79 T	Naphthalene	0.762	0.933	-22.4	99	0.04
80 T	Naphthalene,2-methyl-	0.174	0.261	-50.0#	101	0.02
81 T	1,2,4-Trichlorobenzene	0.489	0.543	-11.0	97	0.04

(#) = Out of Range

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