

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037794.D
 Acq On : 6 Oct 2021 7:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 06 12:52:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 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	83	-0.03
2 T	Dichlorodifluoromethane	1.597	1.249	21.8	85	-0.02
3	Chlorodifluoromethane	1.921	1.807	5.9	86	-0.02
4	Chloromethane	0.704	0.607	13.8	78	-0.02
5 T	Vinyl Chloride	0.645	0.627	2.8	79	-0.02
6 T	Bromomethane	0.349	0.236	32.4#	61	-0.02
7	Chloroethane	0.237	0.211	11.0	76	-0.02
8 T	Dichlorotetrafluoroethane	1.579	1.415	10.4	83	-0.02
9 T	Propene	0.707	0.615	13.0	78	-0.02
10 T	Heptane	1.606	1.552	3.4	82	-0.03
11 T	Trichlorofluoromethane	1.425	1.305	8.4	81	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.080	0.986	8.7	83	-0.02
13	Ethanol	0.058	0.068	-17.2	120	-0.02
14 T	Bromoethene	0.475	0.433	8.8	83	-0.02
15 T	Acetone	0.898	0.733	18.4	81	-0.02
16 T	1,3-Butadiene	0.653	0.669	-2.5	87	-0.02
17	tert-Butyl alcohol	0.925	0.836	9.6	73	-0.02
18 T	1,1-Dichloroethene	0.491	0.435	11.4	77	-0.02
19 T	Isopropyl Alcohol	0.558	0.533	4.5	78	-0.02
20 T	Methylene Chloride	0.454	0.362	20.3	78	-0.03
21 T	Allyl Chloride	0.795	0.614	22.8	67	-0.03
22 T	trans-1,2-Dichloroethene	0.493	0.461	6.5	80	-0.03
23 T	Vinyl Acetate	1.345	1.095	18.6	73	-0.03
24 T	1,1-Dichloroethane	0.979	0.945	3.5	85	-0.03
25 T	Ethyl Acetate	2.519	2.264	10.1	77	-0.03
26 T	Hexane	1.240	1.129	9.0	80	-0.03
27 T	Carbon Disulfide	1.099	1.077	2.0	78	-0.03
28 T	Methyl tert-Butyl Ether	1.033	0.897	13.2	78	-0.02
29 T	Chloroform	1.773	1.601	9.7	82	-0.03
30 T	Cyclohexane	1.052	0.951	9.6	81	-0.03
31 T	cis-1,2-Dichloroethene	1.126	1.028	8.7	79	-0.03
32 T	1,1,1-Trichloroethane	1.681	1.533	8.8	81	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	-0.03
34 T	2-Butanone	0.404	0.337	16.6	76	-0.03
35 T	Carbon Tetrachloride	0.568	0.529	6.9	81	-0.03
36 T	Benzene	0.854	0.786	8.0	80	-0.03
37 T	1,2-Dichloroethane	0.402	0.381	5.2	82	-0.03
38 T	Trichloroethene	0.337	0.313	7.1	83	-0.03
39 T	1,2-Dichloropropane	0.321	0.307	4.4	82	-0.03
40 T	1,4-Dioxane	0.080	0.072	10.0	85	-0.03
41 T	Tetrahydrofuran	0.198	0.171	13.6	73	-0.03
42 T	Bromodichloromethane	0.591	0.568	3.9	81	-0.03
43	Methyl Methacrylate	0.279	0.295	-5.7	84	-0.03
44 T	2,2,4-Trimethylpentane	1.435	1.331	7.2	82	-0.03
45 T	t-1,3-Dichloropropene	0.192	0.111	42.2#	43	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.266	0.178	33.1#	50	-0.04
47 T	1,1,2-Trichloroethane	0.349	0.320	8.3	80	-0.03
48 T	Dibromochloromethane	0.498	0.506	-1.6	82	-0.03
49 T	Bromoform	0.381	0.427	-12.1	84	-0.04
50 T	4-Methyl-2-Pentanone	0.526	0.534	-1.5	83	-0.03
51 T	2-Hexanone	0.235	0.272	-15.7	88	-0.03
52 T	Tetrachloroethene	0.332	0.291	12.3	83	-0.03
53 T	Toluene	0.947	0.913	3.6	81	-0.03
54 T	1,2-Dibromoethane	0.472	0.428	9.3	78	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	-0.04
56	1,1,1,2-Tetrachloroethane	0.414	0.428	-3.4	87	-0.04
57 T	Chlorobenzene	0.820	0.787	4.0	83	-0.03
58 T	Ethyl Benzene	1.343	1.387	-3.3	83	-0.04
59 T	m/p-Xylene	1.153	1.156	-0.3	83	-0.04
60 T	o-Xylene	1.105	1.097	0.7	85	-0.04
61 T	Styrene	0.534	0.574	-7.5	78	-0.04
62	Isopropylbenzene	1.541	1.566	-1.6	86	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.852	0.808	5.2	87	-0.04
64	n-propylbenzene	0.384	0.411	-7.0	87	-0.03
65	tert-Butylbenzene	1.356	1.358	-0.1	87	-0.04
66 T	Benzyl Chloride	0.067	0.031#	53.7#	35	-0.03
67	sec-Butylbenzene	1.854	1.920	-3.6	88	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.699	0.763	-9.2	85	-0.04
69	p-Isopropyltoluene	1.499	1.611	-7.5	89	-0.04
70	n-Butylbenzene	1.424	1.573	-10.5	90	-0.03
71	2-Chlorotoluene	1.088	1.141	-4.9	87	-0.03
72 T	4-Ethyltoluene	1.254	1.309	-4.4	84	-0.03
73 T	1,3,5-Trimethylbenzene	1.139	1.162	-2.0	84	-0.03
74 T	1,2,4-Trimethylbenzene	1.196	1.231	-2.9	86	-0.04
75 T	1,3-Dichlorobenzene	0.741	0.758	-2.3	88	-0.03
76 T	1,4-Dichlorobenzene	0.707	0.740	-4.7	88	-0.03
77 T	1,2-Dichlorobenzene	0.712	0.751	-5.5	91	-0.04
78 T	Hexachloro-1,3-Butadiene	0.581	0.585	-0.7	99	-0.04
79 T	Naphthalene	0.733	0.928	-26.6	95	-0.04
80 T	Naphthalene,2-methyl-	0.197	0.245	-24.4	96	-0.03
81 T	1,2,4-Trichlorobenzene	0.469	0.571	-21.7	98	-0.04

(#) = Out of Range

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