

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038914.D
 Acq On : 14 Apr 2022 9:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 14 10:11:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 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	72	0.02
2 T	Dichlorodifluoromethane	1.418	1.263	10.9	70	0.00
3	Chlorodifluoromethane	1.220	1.243	-1.9	78	0.01
4	Chloromethane	0.632	0.631	0.2	75	0.01
5 T	Vinyl Chloride	0.584	0.604	-3.4	77	0.02
6 T	Bromomethane	0.283	0.306	-8.1	81	0.01
7	Chloroethane	0.195	0.209	-7.2	77	0.02
8 T	Dichlorotetrafluoroethane	1.325	1.446	-9.1	84	0.01
9 T	Propene	0.646	0.522	19.2	60	0.01
10 T	Heptane	1.626	1.342	17.5	63	0.02
11 T	Trichlorofluoromethane	1.140	1.374	-20.5	90	0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.873	0.986	-12.9	85	0.02
13	Ethanol	0.039	0.035#	10.3	73	0.02
14 T	Bromoethene	0.384	0.416	-8.3	84	0.01
15 T	Acetone	0.996	1.076	-8.0	87	0.02
16 T	1,3-Butadiene	0.569	0.560	1.6	73	0.01
17	tert-Butyl alcohol	0.893	0.815	8.7	65	0.01
18 T	1,1-Dichloroethene	0.398	0.436	-9.5	85	0.02
19 T	Isopropyl Alcohol	0.509	0.565	-11.0	81	0.02
20 T	Methylene Chloride	0.361	0.356	1.4	77	0.02
21 T	Allyl Chloride	0.745	0.698	6.3	72	0.02
22 T	trans-1,2-Dichloroethene	0.403	0.460	-14.1	80	0.02
23 T	Vinyl Acetate	0.970	0.982	-1.2	74	0.02
24 T	1,1-Dichloroethane	0.876	0.908	-3.7	76	0.02
25 T	Ethyl Acetate	2.526	2.356	6.7	68	0.02
26 T	Hexane	1.150	1.028	10.6	69	0.02
27 T	Carbon Disulfide	1.054	1.116	-5.9	75	0.02
28 T	Methyl tert-Butyl Ether	0.888	0.846	4.7	70	0.02
29 T	Chloroform	1.609	1.701	-5.7	80	0.02
30 T	Cyclohexane	1.013	0.840	17.1	65	0.02
31 T	cis-1,2-Dichloroethene	1.057	1.087	-2.8	77	0.02
32 T	1,1,1-Trichloroethane	1.621	1.698	-4.8	79	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.02
34 T	2-Butanone	0.395	0.531	-34.4#	89	0.02
35 T	Carbon Tetrachloride	0.600	0.712	-18.7	81	0.02
36 T	Benzene	0.910	0.838	7.9	65	0.02
37 T	1,2-Dichloroethane	0.416	0.562	-35.1#	89	0.02
38 T	Trichloroethene	0.373	0.339	9.1	65	0.02
39 T	1,2-Dichloropropane	0.348	0.333	4.3	66	0.03
40 T	1,4-Dioxane	0.118	0.087	26.3	56	0.02
41 T	Tetrahydrofuran	0.375	0.342	8.8	62	0.02
42 T	Bromodichloromethane	0.657	0.771	-17.4	80	0.02
43	Methyl Methacrylate	0.348	0.352	-1.1	66	0.02
44 T	2,2,4-Trimethylpentane	1.540	1.443	6.3	68	0.02
45 T	t-1,3-Dichloropropene	0.364	0.390	-7.1	64	0.02
46 T	cis-1,3-Dichloropropene	0.480	0.487	-1.5	64	0.02
47 T	1,1,2-Trichloroethane	0.357	0.341	4.5	66	0.02
48 T	Dibromochloromethane	0.559	0.612	-9.5	71	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.482	-8.8	71	0.03
50 T	4-Methyl-2-Pentanone	0.889	0.875	1.6	65	0.02
51 T	2-Hexanone	0.670	0.667	0.4	63	0.02
52 T	Tetrachloroethene	0.318	0.289	9.1	66	0.02
53 T	Toluene	1.050	0.963	8.3	65	0.02
54 T	1,2-Dibromoethane	0.495	0.506	-2.2	68	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.02
56	1,1,1,2-Tetrachloroethane	0.438	0.430	1.8	70	0.03
57 T	Chlorobenzene	0.819	0.723	11.7	64	0.03
58 T	Ethyl Benzene	1.494	1.403	6.1	68	0.02
59 T	m/p-Xylene	1.255	1.213	3.3	72	0.02
60 T	o-Xylene	1.175	1.139	3.1	72	0.02
61 T	Styrene	0.716	0.650	9.2	62	0.02
62	Isopropylbenzene	1.763	1.593	9.6	67	0.02
63 T	1,1,2,2-Tetrachloroethane	0.744	0.703	5.5	70	0.03
64	n-propylbenzene	0.458	0.402	12.2	62	0.03
65	tert-Butylbenzene	1.564	1.417	9.4	68	0.03
66 T	Benzyl Chloride	0.318	0.208	34.6#	36	0.02
67	sec-Butylbenzene	2.195	2.039	7.1	70	0.02
68 S	1-Bromo-4-Fluorobenzene	0.759	0.813	-7.1	72	0.03
69	p-Isopropyltoluene	1.802	1.688	6.3	68	0.02
70	n-Butylbenzene	1.816	1.873	-3.1	74	0.02
71	2-Chlorotoluene	1.326	1.243	6.3	68	0.02
72 T	4-Ethyltoluene	1.403	1.393	0.7	69	0.03
73 T	1,3,5-Trimethylbenzene	1.260	1.215	3.6	68	0.02
74 T	1,2,4-Trimethylbenzene	1.332	1.302	2.3	72	0.02
75 T	1,3-Dichlorobenzene	0.773	0.726	6.1	67	0.02
76 T	1,4-Dichlorobenzene	0.762	0.700	8.1	65	0.03
77 T	1,2-Dichlorobenzene	0.762	0.686	10.0	64	0.02
78 T	Hexachloro-1,3-Butadiene	0.602	0.520	13.6	70	0.02
79 T	Naphthalene	0.996	1.015	-1.9	64	0.03
80 T	Naphthalene,2-methyl-	0.246	0.281	-14.2	64	0.02
81 T	1,2,4-Trichlorobenzene	0.583	0.577	1.0	68	0.03

(#) = Out of Range

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