

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038916.D
 Acq On : 14 Apr 2022 13:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 15 09:08:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	77	0.02
2 T	Dichlorodifluoromethane	1.418	1.340	5.5	80	0.01
3	Chlorodifluoromethane	1.220	1.188	2.6	80	0.01
4	Chloromethane	0.632	0.569	10.0	73	0.01
5 T	Vinyl Chloride	0.584	0.576	1.4	79	0.01
6 T	Bromomethane	0.283	0.307	-8.5	88	0.02
7	Chloroethane	0.195	0.195	0.0	77	0.01
8 T	Dichlorotetrafluoroethane	1.325	1.396	-5.4	87	0.01
9 T	Propene	0.646	0.496	23.2	62	0.01
10 T	Heptane	1.626	1.261	22.4	64	0.03
11 T	Trichlorofluoromethane	1.140	1.337	-17.3	94	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.873	0.900	-3.1	84	0.01
13	Ethanol	0.039	0.035#	10.3	78	0.01
14 T	Bromoethene	0.384	0.390	-1.6	85	0.02
15 T	Acetone	0.996	0.943	5.3	82	0.02
16 T	1,3-Butadiene	0.569	0.514	9.7	73	0.02
17	tert-Butyl alcohol	0.893	0.692	22.5	59	0.02
18 T	1,1-Dichloroethene	0.398	0.412	-3.5	86	0.02
19 T	Isopropyl Alcohol	0.509	0.496	2.6	76	0.02
20 T	Methylene Chloride	0.361	0.335	7.2	78	0.02
21 T	Allyl Chloride	0.745	0.653	12.3	72	0.02
22 T	trans-1,2-Dichloroethene	0.403	0.425	-5.5	80	0.02
23 T	Vinyl Acetate	0.970	0.911	6.1	74	0.02
24 T	1,1-Dichloroethane	0.876	0.848	3.2	76	0.02
25 T	Ethyl Acetate	2.526	2.214	12.4	69	0.02
26 T	Hexane	1.150	0.960	16.5	69	0.02
27 T	Carbon Disulfide	1.054	1.047	0.7	76	0.02
28 T	Methyl tert-Butyl Ether	0.888	0.780	12.2	69	0.02
29 T	Chloroform	1.609	1.622	-0.8	82	0.02
30 T	Cyclohexane	1.013	0.791	21.9	65	0.02
31 T	cis-1,2-Dichloroethene	1.057	1.020	3.5	78	0.02
32 T	1,1,1-Trichloroethane	1.621	1.660	-2.4	83	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.02
34 T	2-Butanone	0.395	0.561	-42.0#	97	0.02
35 T	Carbon Tetrachloride	0.600	0.722	-20.3	84	0.02
36 T	Benzene	0.910	0.821	9.8	65	0.02
37 T	1,2-Dichloroethane	0.416	0.576	-38.5#	94	0.02
38 T	Trichloroethene	0.373	0.340	8.8	67	0.02
39 T	1,2-Dichloropropane	0.348	0.330	5.2	67	0.02
40 T	1,4-Dioxane	0.118	0.120	-1.7	79	0.02
41 T	Tetrahydrofuran	0.375	0.339	9.6	63	0.02
42 T	Bromodichloromethane	0.657	0.791	-20.4	84	0.02
43	Methyl Methacrylate	0.348	0.348	0.0	67	0.02
44 T	2,2,4-Trimethylpentane	1.540	1.442	6.4	69	0.02
45 T	t-1,3-Dichloropropene	0.364	0.418	-14.8	70	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.480	0.506	-5.4	68	0.03
47 T	1,1,2-Trichloroethane	0.357	0.343	3.9	68	0.03
48 T	Dibromochloromethane	0.559	0.619	-10.7	74	0.02
49 T	Bromoform	0.443	0.495	-11.7	75	0.03
50 T	4-Methyl-2-Pentanone	0.889	0.900	-1.2	68	0.02
51 T	2-Hexanone	0.670	0.717	-7.0	69	0.03
52 T	Tetrachloroethene	0.318	0.283	11.0	66	0.02
53 T	Toluene	1.050	0.964	8.2	66	0.03
54 T	1,2-Dibromoethane	0.495	0.509	-2.8	70	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.02
56	1,1,1,2-Tetrachloroethane	0.438	0.472	-7.8	74	0.03
57 T	Chlorobenzene	0.819	0.778	5.0	66	0.03
58 T	Ethyl Benzene	1.494	1.493	0.1	70	0.03
59 T	m/p-Xylene	1.255	1.289	-2.7	74	0.03
60 T	o-Xylene	1.175	1.212	-3.1	74	0.02
61 T	Styrene	0.716	0.699	2.4	64	0.02
62	Isopropylbenzene	1.763	1.753	0.6	71	0.02
63 T	1,1,2,2-Tetrachloroethane	0.744	0.764	-2.7	73	0.03
64	n-propylbenzene	0.458	0.440	3.9	66	0.02
65	tert-Butylbenzene	1.564	1.539	1.6	72	0.03
66 T	Benzyl Chloride	0.318	0.298	6.3	50	0.02
67	sec-Butylbenzene	2.195	2.225	-1.4	74	0.03
68 S	1-Bromo-4-Fluorobenzene	0.759	0.885	-16.6	76	0.02
69	p-Isopropyltoluene	1.802	1.827	-1.4	71	0.02
70	n-Butylbenzene	1.816	2.013	-10.8	77	0.03
71	2-Chlorotoluene	1.326	1.397	-5.4	74	0.02
72 T	4-Ethyltoluene	1.403	1.437	-2.4	69	0.03
73 T	1,3,5-Trimethylbenzene	1.260	1.325	-5.2	72	0.03
74 T	1,2,4-Trimethylbenzene	1.332	1.404	-5.4	75	0.03
75 T	1,3-Dichlorobenzene	0.773	0.792	-2.5	70	0.03
76 T	1,4-Dichlorobenzene	0.762	0.765	-0.4	69	0.03
77 T	1,2-Dichlorobenzene	0.762	0.772	-1.3	70	0.02
78 T	Hexachloro-1,3-Butadiene	0.602	0.562	6.6	73	0.02
79 T	Naphthalene	0.996	1.113	-11.7	68	0.03
80 T	Naphthalene,2-methyl-	0.246	0.279	-13.4	62	0.02
81 T	1,2,4-Trichlorobenzene	0.583	0.624	-7.0	72	0.03

(#) = Out of Range

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