

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040309.D
 Acq On : 5 Apr 2023 9:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 06 07:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 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	96	-0.02
2 T	Dichlorodifluoromethane	1.962	1.510	23.0	112	-0.02
3	Chlorodifluoromethane	1.257	1.110	11.7	95	-0.02
4	Chloromethane	0.776	0.699	9.9	94	-0.02
5 T	Vinyl Chloride	0.629	0.605	3.8	97	-0.02
6 T	Bromomethane	0.218	0.209	4.1	99	-0.02
7	Chloroethane	0.241	0.225	6.6	95	-0.02
8 T	Dichlorotetrafluoroethane	1.679	1.573	6.3	99	-0.02
9 T	Propene	0.482	0.441	8.5	100	-0.02
10 T	Heptane	1.159	1.134	2.2	94	-0.02
11 T	Trichlorofluoromethane	1.778	1.652	7.1	95	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.167	12.6	90	-0.02
13	Ethanol	0.035	0.032#	8.6	100	-0.02
14 T	Bromoethene	0.498	0.487	2.2	95	-0.02
15 T	Acetone	1.217	1.051	13.6	93	-0.02
16 T	1,3-Butadiene	0.553	0.535	3.3	95	-0.02
17	tert-Butyl alcohol	1.157	1.186	-2.5	96	-0.02
18 T	1,1-Dichloroethene	0.573	0.527	8.0	93	-0.03
19 T	Isopropyl Alcohol	0.583	0.545	6.5	95	-0.02
20 T	Methylene Chloride	0.512	0.439	14.3	93	-0.02
21 T	Allyl Chloride	0.789	0.750	4.9	93	-0.02
22 T	trans-1,2-Dichloroethene	0.583	0.549	5.8	92	-0.02
23 T	Vinyl Acetate	0.339	0.335	1.2	96	-0.02
24 T	1,1-Dichloroethane	1.208	1.103	8.7	94	-0.02
25 T	Ethyl Acetate	2.279	2.118	7.1	99	-0.02
26 T	Hexane	0.936	0.890	4.9	100	-0.02
27 T	Carbon Disulfide	1.307	1.294	1.0	91	-0.02
28 T	Methyl tert-Butyl Ether	1.074	0.978	8.9	93	-0.02
29 T	Chloroform	1.652	1.563	5.4	108	-0.02
30 T	Cyclohexane	0.737	0.751	-1.9	95	-0.03
31 T	cis-1,2-Dichloroethene	0.911	0.922	-1.2	102	-0.02
32 T	1,1,1-Trichloroethane	1.583	1.597	-0.9	97	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.02
34 T	2-Butanone	0.494	0.467	5.5	90	-0.02
35 T	Carbon Tetrachloride	0.628	0.661	-5.3	94	-0.02
36 T	Benzene	0.762	0.750	1.6	93	-0.02
37 T	1,2-Dichloroethane	0.496	0.492	0.8	95	-0.02
38 T	Trichloroethene	0.416	0.452	-8.7	91	-0.02
39 T	1,2-Dichloropropane	0.299	0.290	3.0	93	-0.02
40 T	1,4-Dioxane	0.118	0.114	3.4	87	-0.03
41 T	Tetrahydrofuran	0.285	0.275	3.5	90	-0.02
42 T	Bromodichloromethane	0.678	0.683	-0.7	92	-0.03
43	Methyl Methacrylate	0.283	0.298	-5.3	91	-0.02
44 T	2,2,4-Trimethylpentane	1.271	1.275	-0.3	95	-0.03
45 T	t-1,3-Dichloropropene	0.247	0.284	-15.0	90	-0.02
46 T	cis-1,3-Dichloropropene	0.351	0.394	-12.3	93	-0.02
47 T	1,1,2-Trichloroethane	0.319	0.306	4.1	90	-0.03
48 T	Dibromochloromethane	0.525	0.530	-1.0	88	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.401	-1.8	85	-0.03
50 T	4-Methyl-2-Pentanone	0.764	0.779	-2.0	92	-0.03
51 T	2-Hexanone	0.592	0.588	0.7	88	-0.03
52 T	Tetrachloroethene	0.231	0.244	-5.6	89	-0.03
53 T	Toluene	0.799	0.841	-5.3	91	-0.03
54 T	1,2-Dibromoethane	0.328	0.335	-2.1	88	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.03
56	1,1,1,2-Tetrachloroethane	0.421	0.382	9.3	90	-0.03
57 T	Chlorobenzene	0.711	0.636	10.5	89	-0.03
58 T	Ethyl Benzene	1.139	1.137	0.2	90	-0.03
59 T	m/p-Xylene	1.043	0.995	4.6	90	-0.03
60 T	o-Xylene	0.997	0.951	4.6	89	-0.03
61 T	Styrene	0.506	0.529	-4.5	88	-0.03
62	Isopropylbenzene	1.420	1.343	5.4	91	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.351	0.295	16.0	89	-0.03
64	n-propylbenzene	0.347	0.336	3.2	90	-0.03
65	tert-Butylbenzene	1.224	1.188	2.9	93	-0.03
66 T	Benzyl Chloride	0.080	0.081	-1.3	94	-0.03
67	sec-Butylbenzene	1.750	1.733	1.0	96	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.837	0.843	-0.7	93	-0.03
69	p-Isopropyltoluene	1.363	1.416	-3.9	98	-0.03
70	n-Butylbenzene	1.501	1.596	-6.3	102	-0.03
71	2-Chlorotoluene	1.081	1.033	4.4	90	-0.03
72 T	4-Ethyltoluene	1.090	1.100	-0.9	92	-0.03
73 T	1,3,5-Trimethylbenzene	0.988	0.993	-0.5	94	-0.03
74 T	1,2,4-Trimethylbenzene	1.126	1.107	1.7	96	-0.03
75 T	1,3-Dichlorobenzene	0.610	0.609	0.2	98	-0.03
76 T	1,4-Dichlorobenzene	0.582	0.595	-2.2	98	-0.03
77 T	1,2-Dichlorobenzene	0.586	0.601	-2.6	103	-0.03
78 T	Hexachloro-1,3-Butadiene	0.430	0.399	7.2	95	-0.03
79 T	Naphthalene	0.666	0.782	-17.4	88	-0.03
80 T	Naphthalene,2-methyl-	0.169	0.120	29.0	47	-0.02
81 T	1,2,4-Trichlorobenzene	0.410	0.414	-1.0	88	-0.03

(#) = Out of Range

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