

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040288.D
 Acq On : 16 Mar 2023 9:11
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 17 04:13:04 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	99	0.00
2 T	Dichlorodifluoromethane	1.962	1.630	16.9	125	0.00
3	Chlorodifluoromethane	1.257	1.136	9.6	101	0.00
4	Chloromethane	0.776	0.708	8.8	99	0.00
5 T	Vinyl Chloride	0.629	0.613	2.5	101	0.00
6 T	Bromomethane	0.218	0.208	4.6	102	0.00
7	Chloroethane	0.241	0.221	8.3	96	0.00
8 T	Dichlorotetrafluoroethane	1.679	1.544	8.0	101	0.00
9 T	Propene	0.482	0.468	2.9	109	0.00
10 T	Heptane	1.159	1.161	-0.2	99	0.00
11 T	Trichlorofluoromethane	1.778	1.640	7.8	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.229	7.9	97	0.00
13	Ethanol	0.035	0.025#	28.6	83	0.00
14 T	Bromoethene	0.498	0.480	3.6	97	0.00
15 T	Acetone	1.217	1.074	11.8	98	0.00
16 T	1,3-Butadiene	0.553	0.548	0.9	101	0.00
17	tert-Butyl alcohol	1.157	1.178	-1.8	99	0.00
18 T	1,1-Dichloroethene	0.573	0.550	4.0	100	0.00
19 T	Isopropyl Alcohol	0.583	0.533	8.6	96	0.00
20 T	Methylene Chloride	0.512	0.448	12.5	98	0.00
21 T	Allyl Chloride	0.789	0.773	2.0	99	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.555	4.8	96	0.00
23 T	Vinyl Acetate	0.339	0.339	0.0	101	0.00
24 T	1,1-Dichloroethane	1.208	1.140	5.6	100	0.00
25 T	Ethyl Acetate	2.279	2.044	10.3	98	0.00
26 T	Hexane	0.936	0.876	6.4	101	0.00
27 T	Carbon Disulfide	1.307	1.386	-6.0	101	0.00
28 T	Methyl tert-Butyl Ether	1.074	1.040	3.2	102	0.00
29 T	Chloroform	1.652	1.396	15.5	100	0.00
30 T	Cyclohexane	0.737	0.739	-0.3	96	0.00
31 T	cis-1,2-Dichloroethene	0.911	0.858	5.8	98	0.00
32 T	1,1,1-Trichloroethane	1.583	1.595	-0.8	100	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.494	0.444	10.1	95	0.00
35 T	Carbon Tetrachloride	0.628	0.617	1.8	97	0.00
36 T	Benzene	0.762	0.716	6.0	99	0.00
37 T	1,2-Dichloroethane	0.496	0.455	8.3	98	0.00
38 T	Trichloroethene	0.416	0.430	-3.4	96	-0.01
39 T	1,2-Dichloropropane	0.299	0.274	8.4	98	0.00
40 T	1,4-Dioxane	0.118	0.103	12.7	88	-0.01
41 T	Tetrahydrofuran	0.285	0.266	6.7	97	0.00
42 T	Bromodichloromethane	0.678	0.639	5.8	96	-0.01
43	Methyl Methacrylate	0.283	0.284	-0.4	97	-0.01
44 T	2,2,4-Trimethylpentane	1.271	1.209	4.9	100	0.00
45 T	t-1,3-Dichloropropene	0.247	0.266	-7.7	93	0.00
46 T	cis-1,3-Dichloropropene	0.351	0.368	-4.8	97	0.00
47 T	1,1,2-Trichloroethane	0.319	0.292	8.5	96	-0.01
48 T	Dibromochloromethane	0.525	0.497	5.3	92	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.367	6.9	87	-0.01
50 T	4-Methyl-2-Pentanone	0.764	0.734	3.9	97	-0.01
51 T	2-Hexanone	0.592	0.560	5.4	93	-0.01
52 T	Tetrachloroethene	0.231	0.231	0.0	94	-0.01
53 T	Toluene	0.799	0.789	1.3	95	-0.01
54 T	1,2-Dibromoethane	0.328	0.315	4.0	92	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.02
56	1,1,1,2-Tetrachloroethane	0.421	0.348	17.3	93	-0.01
57 T	Chlorobenzene	0.711	0.578	18.7	91	-0.02
58 T	Ethyl Benzene	1.139	1.048	8.0	94	-0.02
59 T	m/p-Xylene	1.043	0.903	13.4	92	-0.02
60 T	o-Xylene	0.997	0.865	13.2	92	-0.02
61 T	Styrene	0.506	0.484	4.3	91	-0.02
62	Isopropylbenzene	1.420	1.211	14.7	92	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.351	0.272	22.5	93	-0.01
64	n-propylbenzene	0.347	0.308	11.2	94	-0.01
65	tert-Butylbenzene	1.224	1.078	11.9	96	-0.01
66 T	Benzyl Chloride	0.080	0.071	11.3	93	-0.02
67	sec-Butylbenzene	1.750	1.554	11.2	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.837	0.810	3.2	101	-0.02
69	p-Isopropyltoluene	1.363	1.271	6.7	99	-0.02
70	n-Butylbenzene	1.501	1.428	4.9	103	-0.02
71	2-Chlorotoluene	1.081	0.941	13.0	93	-0.02
72 T	4-Ethyltoluene	1.090	0.998	8.4	95	-0.02
73 T	1,3,5-Trimethylbenzene	0.988	0.889	10.0	95	-0.02
74 T	1,2,4-Trimethylbenzene	1.126	0.990	12.1	97	-0.02
75 T	1,3-Dichlorobenzene	0.610	0.547	10.3	100	-0.02
76 T	1,4-Dichlorobenzene	0.582	0.536	7.9	100	-0.02
77 T	1,2-Dichlorobenzene	0.586	0.545	7.0	106	-0.02
78 T	Hexachloro-1,3-Butadiene	0.430	0.382	11.2	103	-0.02
79 T	Naphthalene	0.666	0.788	-18.3	100	-0.01
80 T	Naphthalene,2-methyl-	0.169	0.142	16.0	63	-0.02
81 T	1,2,4-Trichlorobenzene	0.410	0.416	-1.5	100	-0.02

(#) = Out of Range

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