

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040692.D
 Acq On : 18 Sep 2023 9:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 05:13:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 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	104	0.00
2 T	Dichlorodifluoromethane	2.203	2.062	6.4	104	0.00
3	Chlorodifluoromethane	1.629	1.439	11.7	102	0.00
4	Chloromethane	0.624	0.553	11.4	101	0.00
5 T	Vinyl Chloride	0.737	0.633	14.1	105	0.00
6 T	Bromomethane	0.356	0.332	6.7	100	0.00
7	Chloroethane	0.253	0.237	6.3	104	0.00
8 T	Dichlorotetrafluoroethane	1.819	1.632	10.3	101	0.00
9 T	Propene	0.469	0.399	14.9	99	0.00
10 T	Heptane	1.058	1.063	-0.5	103	0.00
11 T	Trichlorofluoromethane	1.937	1.779	8.2	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.386	1.296	6.5	104	0.00
13	Ethanol	0.139	0.107	23.0	90	0.00
14 T	Bromoethene	0.581	0.512	11.9	96	0.00
15 T	Acetone	1.319	1.123	14.9	103	0.00
16 T	1,3-Butadiene	0.575	0.559	2.8	99	0.00
17	tert-Butyl alcohol	1.351	1.166	13.7	92	0.00
18 T	1,1-Dichloroethene	0.616	0.586	4.9	104	0.00
19 T	Isopropyl Alcohol	0.795	0.689	13.3	88	0.00
20 T	Methylene Chloride	0.710	0.522	26.5	107	0.00
21 T	Allyl Chloride	0.808	0.788	2.5	105	0.00
22 T	trans-1,2-Dichloroethene	0.609	0.615	-1.0	106	0.00
23 T	Vinyl Acetate	1.364	1.287	5.6	101	0.00
24 T	1,1-Dichloroethane	1.277	1.251	2.0	108	0.00
25 T	Ethyl Acetate	2.127	1.971	7.3	103	0.00
26 T	Hexane	1.006	0.870	13.5	105	0.00
27 T	Carbon Disulfide	1.403	1.504	-7.2	107	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.910	-5.2	113	0.00
29 T	Chloroform	1.737	1.598	8.0	103	0.00
30 T	Cyclohexane	0.758	0.736	2.9	103	0.00
31 T	cis-1,2-Dichloroethene	0.933	0.910	2.5	105	0.00
32 T	1,1,1-Trichloroethane	1.776	1.672	5.9	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
34 T	2-Butanone	0.503	0.443	11.9	100	0.00
35 T	Carbon Tetrachloride	0.687	0.673	2.0	104	0.00
36 T	Benzene	0.741	0.707	4.6	105	0.00
37 T	1,2-Dichloroethane	0.507	0.471	7.1	103	0.00
38 T	Trichloroethene	0.282	0.297	-5.3	103	0.00
39 T	1,2-Dichloropropane	0.285	0.269	5.6	104	0.00
40 T	1,4-Dioxane	0.108	0.116	-7.4	100	0.00
41 T	Tetrahydrofuran	0.258	0.249	3.5	105	0.00
42 T	Bromodichloromethane	0.692	0.677	2.2	104	0.00
43	Methyl Methacrylate	0.275	0.294	-6.9	106	0.00
44 T	2,2,4-Trimethylpentane	1.179	1.175	0.3	105	0.00
45 T	t-1,3-Dichloropropene	0.213	0.264	-23.9	109	0.00
46 T	cis-1,3-Dichloropropene	0.261	0.300	-14.9	108	0.00
47 T	1,1,2-Trichloroethane	0.327	0.312	4.6	104	0.00
48 T	Dibromochloromethane	0.540	0.567	-5.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.471	-6.3	101	0.00
50 T	4-Methyl-2-Pentanone	0.680	0.700	-2.9	103	0.00
51 T	2-Hexanone	0.469	0.507	-8.1	103	0.00
52 T	Tetrachloroethene	0.242	0.258	-6.6	104	0.00
53 T	Toluene	0.782	0.839	-7.3	105	0.00
54 T	1,2-Dibromoethane	0.418	0.448	-7.2	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.477	0.466	2.3	104	0.00
57 T	Chlorobenzene	0.757	0.735	2.9	103	0.00
58 T	Ethyl Benzene	1.140	1.258	-10.4	103	0.00
59 T	m/p-Xylene	1.071	1.116	-4.2	102	0.00
60 T	o-Xylene	1.021	1.087	-6.5	102	0.00
61 T	Styrene	0.428	0.517	-20.8	102	0.00
62	Isopropylbenzene	1.542	1.558	-1.0	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.800	0.774	3.3	101	0.00
64	n-propylbenzene	0.385	0.399	-3.6	100	0.00
65	tert-Butylbenzene	1.384	1.391	-0.5	100	0.00
66 T	Benzyl Chloride	0.161	0.184	-14.3	107	0.00
67	sec-Butylbenzene	1.981	1.960	1.1	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.773	0.800	-3.5	101	0.00
69	p-Isopropyltoluene	1.557	1.564	-0.4	98	0.00
70	n-Butylbenzene	1.713	1.715	-0.1	99	0.00
71	2-Chlorotoluene	1.141	1.197	-4.9	99	0.00
72 T	4-Ethyltoluene	1.145	1.235	-7.9	100	0.00
73 T	1,3,5-Trimethylbenzene	1.031	1.070	-3.8	99	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.229	2.2	100	0.00
75 T	1,3-Dichlorobenzene	0.716	0.687	4.1	98	0.00
76 T	1,4-Dichlorobenzene	0.705	0.666	5.5	98	0.00
77 T	1,2-Dichlorobenzene	0.713	0.657	7.9	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.540	0.466	13.7	98	0.00
79 T	Naphthalene	0.782	0.924	-18.2	94	0.00
80 T	Naphthalene,2-methyl-	0.192	0.227	-18.2	83	0.00
81 T	1,2,4-Trichlorobenzene	0.511	0.496	2.9	94	0.00

(#) = Out of Range

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