

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040732.D
 Acq On : 28 Sep 2023 8:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 28 08:46:16 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	-0.01
2 T	Dichlorodifluoromethane	2.203	2.002	9.1	101	0.00
3	Chlorodifluoromethane	1.629	1.559	4.3	111	0.00
4	Chloromethane	0.624	0.639	-2.4	117	0.00
5 T	Vinyl Chloride	0.737	0.703	4.6	116	0.00
6 T	Bromomethane	0.356	0.319	10.4	96	0.00
7	Chloroethane	0.253	0.251	0.8	110	0.00
8 T	Dichlorotetrafluoroethane	1.819	1.662	8.6	102	0.00
9 T	Propene	0.469	0.544	-16.0	134	0.00
10 T	Heptane	1.058	1.265	-19.6	123	-0.02
11 T	Trichlorofluoromethane	1.937	1.604	17.2	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.386	1.272	8.2	102	0.00
13	Ethanol	0.139	0.127	8.6	106	0.00
14 T	Bromoethene	0.581	0.549	5.5	102	0.00
15 T	Acetone	1.319	1.185	10.2	109	0.00
16 T	1,3-Butadiene	0.575	0.590	-2.6	105	0.00
17	tert-Butyl alcohol	1.351	1.290	4.5	102	0.00
18 T	1,1-Dichloroethene	0.616	0.582	5.5	103	0.00
19 T	Isopropyl Alcohol	0.795	0.801	-0.8	103	0.00
20 T	Methylene Chloride	0.710	0.511	28.0	104	0.00
21 T	Allyl Chloride	0.808	0.821	-1.6	109	0.00
22 T	trans-1,2-Dichloroethene	0.609	0.622	-2.1	107	0.00
23 T	Vinyl Acetate	1.364	1.502	-10.1	118	0.00
24 T	1,1-Dichloroethane	1.277	1.233	3.4	106	0.00
25 T	Ethyl Acetate	2.127	2.277	-7.1	119	-0.01
26 T	Hexane	1.006	1.073	-6.7	130	-0.01
27 T	Carbon Disulfide	1.403	1.554	-10.8	110	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.947	-9.5	118	0.00
29 T	Chloroform	1.737	1.664	4.2	107	-0.01
30 T	Cyclohexane	0.758	0.905	-19.4	127	-0.02
31 T	cis-1,2-Dichloroethene	0.933	1.076	-15.3	124	-0.01
32 T	1,1,1-Trichloroethane	1.776	1.652	7.0	104	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	-0.02
34 T	2-Butanone	0.503	0.479	4.8	117	0.00
35 T	Carbon Tetrachloride	0.687	0.611	11.1	101	-0.02
36 T	Benzene	0.741	0.817	-10.3	131	-0.02
37 T	1,2-Dichloroethane	0.507	0.442	12.8	104	-0.02
38 T	Trichloroethene	0.282	0.321	-13.8	120	-0.02
39 T	1,2-Dichloropropane	0.285	0.304	-6.7	126	-0.02
40 T	1,4-Dioxane	0.108	0.133	-23.1	123	-0.02
41 T	Tetrahydrofuran	0.258	0.304	-17.8	138	-0.02
42 T	Bromodichloromethane	0.692	0.653	5.6	108	-0.02
43	Methyl Methacrylate	0.275	0.332	-20.7	128	-0.02
44 T	2,2,4-Trimethylpentane	1.179	1.306	-10.8	126	-0.03
45 T	t-1,3-Dichloropropene	0.213	0.297	-39.4#	132	-0.03
46 T	cis-1,3-Dichloropropene	0.261	0.343	-31.4#	133	-0.02
47 T	1,1,2-Trichloroethane	0.327	0.336	-2.8	120	-0.03
48 T	Dibromochloromethane	0.540	0.569	-5.4	113	-0.03

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49 T	Bromoform	0.443	0.477	-7.7	110	-0.03
50 T	4-Methyl-2-Pentanone	0.680	0.754	-10.9	119	-0.03
51 T	2-Hexanone	0.469	0.545	-16.2	119	-0.02
52 T	Tetrachloroethene	0.242	0.285	-17.8	123	-0.03
53 T	Toluene	0.782	0.939	-20.1	126	-0.03
54 T	1,2-Dibromoethane	0.418	0.475	-13.6	118	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	114	-0.03
56	1,1,1,2-Tetrachloroethane	0.477	0.432	9.4	109	-0.03
57 T	Chlorobenzene	0.757	0.747	1.3	119	-0.03
58 T	Ethyl Benzene	1.140	1.285	-12.7	119	-0.03
59 T	m/p-Xylene	1.071	1.086	-1.4	112	-0.03
60 T	o-Xylene	1.021	1.033	-1.2	110	-0.03
61 T	Styrene	0.428	0.551	-28.7	123	-0.03
62	Isopropylbenzene	1.542	1.516	1.7	111	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.800	0.747	6.6	111	-0.03
64	n-propylbenzene	0.385	0.402	-4.4	115	-0.03
65	tert-Butylbenzene	1.384	1.336	3.5	109	-0.03
66 T	Benzyl Chloride	0.161	0.176	-9.3	116	-0.03
67	sec-Butylbenzene	1.981	1.856	6.3	107	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.773	0.679	12.2	97	-0.04
69	p-Isopropyltoluene	1.557	1.538	1.2	109	-0.03
70	n-Butylbenzene	1.713	1.612	5.9	105	-0.03
71	2-Chlorotoluene	1.141	1.164	-2.0	110	-0.03
72 T	4-Ethyltoluene	1.145	1.202	-5.0	110	-0.03
73 T	1,3,5-Trimethylbenzene	1.031	1.036	-0.5	109	-0.04
74 T	1,2,4-Trimethylbenzene	1.257	1.145	8.9	105	-0.03
75 T	1,3-Dichlorobenzene	0.716	0.688	3.9	111	-0.03
76 T	1,4-Dichlorobenzene	0.705	0.675	4.3	113	-0.03
77 T	1,2-Dichlorobenzene	0.713	0.664	6.9	112	-0.04
78 T	Hexachloro-1,3-Butadiene	0.540	0.452	16.3	108	-0.03
79 T	Naphthalene	0.782	0.973	-24.4	112	-0.04
80 T	Naphthalene,2-methyl-	0.192	0.293	-52.6#	122	-0.03
81 T	1,2,4-Trichlorobenzene	0.511	0.505	1.2	109	-0.03

(#) = Out of Range

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