

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040318.D
 Acq On : 10 Apr 2023 10:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 11 02:05:48 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	-0.03
2 T	Dichlorodifluoromethane	1.962	1.448	26.2	107	-0.03
3	Chlorodifluoromethane	1.257	1.092	13.1	93	-0.03
4	Chloromethane	0.776	0.741	4.5	100	-0.03
5 T	Vinyl Chloride	0.629	0.630	-0.2	100	-0.03
6 T	Bromomethane	0.218	0.203	6.9	96	-0.03
7	Chloroethane	0.241	0.229	5.0	96	-0.03
8 T	Dichlorotetrafluoroethane	1.679	1.548	7.8	98	-0.03
9 T	Propene	0.482	0.485	-0.6	109	-0.03
10 T	Heptane	1.159	1.207	-4.1	99	-0.04
11 T	Trichlorofluoromethane	1.778	1.586	10.8	91	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.194	10.6	91	-0.03
13	Ethanol	0.035	0.028#	20.0	90	-0.03
14 T	Bromoethene	0.498	0.484	2.8	94	-0.03
15 T	Acetone	1.217	1.079	11.3	95	-0.03
16 T	1,3-Butadiene	0.553	0.568	-2.7	101	-0.03
17	tert-Butyl alcohol	1.157	1.217	-5.2	98	-0.03
18 T	1,1-Dichloroethene	0.573	0.540	5.8	95	-0.03
19 T	Isopropyl Alcohol	0.583	0.583	0.0	102	-0.03
20 T	Methylene Chloride	0.512	0.439	14.3	93	-0.03
21 T	Allyl Chloride	0.789	0.787	0.3	97	-0.03
22 T	trans-1,2-Dichloroethene	0.583	0.553	5.1	93	-0.03
23 T	Vinyl Acetate	0.339	0.353	-4.1	101	-0.03
24 T	1,1-Dichloroethane	1.208	1.124	7.0	95	-0.03
25 T	Ethyl Acetate	2.279	2.208	3.1	102	-0.03
26 T	Hexane	0.936	0.963	-2.9	108	-0.03
27 T	Carbon Disulfide	1.307	1.349	-3.2	94	-0.03
28 T	Methyl tert-Butyl Ether	1.074	1.037	3.4	98	-0.03
29 T	Chloroform	1.652	1.611	2.5	111	-0.04
30 T	Cyclohexane	0.737	0.806	-9.4	101	-0.04
31 T	cis-1,2-Dichloroethene	0.911	0.895	1.8	99	-0.03
32 T	1,1,1-Trichloroethane	1.583	1.626	-2.7	98	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.04
34 T	2-Butanone	0.494	0.472	4.5	95	-0.03
35 T	Carbon Tetrachloride	0.628	0.646	-2.9	96	-0.04
36 T	Benzene	0.762	0.782	-2.6	101	-0.04
37 T	1,2-Dichloroethane	0.496	0.474	4.4	96	-0.04
38 T	Trichloroethene	0.416	0.464	-11.5	97	-0.04
39 T	1,2-Dichloropropane	0.299	0.296	1.0	99	-0.04
40 T	1,4-Dioxane	0.118	0.119	-0.8	94	-0.04
41 T	Tetrahydrofuran	0.285	0.290	-1.8	99	-0.04
42 T	Bromodichloromethane	0.678	0.672	0.9	95	-0.04
43	Methyl Methacrylate	0.283	0.304	-7.4	97	-0.04
44 T	2,2,4-Trimethylpentane	1.271	1.296	-2.0	100	-0.04
45 T	t-1,3-Dichloropropene	0.247	0.288	-16.6	95	-0.04
46 T	cis-1,3-Dichloropropene	0.351	0.396	-12.8	97	-0.04
47 T	1,1,2-Trichloroethane	0.319	0.320	-0.3	98	-0.04
48 T	Dibromochloromethane	0.525	0.530	-1.0	92	-0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.396	-0.5	88	-0.04
50 T	4-Methyl-2-Pentanone	0.764	0.768	-0.5	95	-0.04
51 T	2-Hexanone	0.592	0.581	1.9	90	-0.04
52 T	Tetrachloroethene	0.231	0.256	-10.8	97	-0.04
53 T	Toluene	0.799	0.870	-8.9	98	-0.04
54 T	1,2-Dibromoethane	0.328	0.338	-3.0	93	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.05
56	1,1,1,2-Tetrachloroethane	0.421	0.376	10.7	94	-0.04
57 T	Chlorobenzene	0.711	0.642	9.7	95	-0.04
58 T	Ethyl Benzene	1.139	1.136	0.3	96	-0.04
59 T	m/p-Xylene	1.043	0.970	7.0	93	-0.04
60 T	o-Xylene	0.997	0.926	7.1	92	-0.04
61 T	Styrene	0.506	0.529	-4.5	93	-0.05
62	Isopropylbenzene	1.420	1.305	8.1	93	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.351	0.289	17.7	92	-0.04
64	n-propylbenzene	0.347	0.330	4.9	94	-0.05
65	tert-Butylbenzene	1.224	1.155	5.6	96	-0.04
66 T	Benzyl Chloride	0.080	0.077	3.8	95	-0.05
67	sec-Butylbenzene	1.750	1.654	5.5	97	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.837	0.782	6.6	91	-0.04
69	p-Isopropyltoluene	1.363	1.359	0.3	99	-0.04
70	n-Butylbenzene	1.501	1.509	-0.5	102	-0.04
71	2-Chlorotoluene	1.081	1.002	7.3	93	-0.05
72 T	4-Ethyltoluene	1.090	1.070	1.8	95	-0.04
73 T	1,3,5-Trimethylbenzene	0.988	0.950	3.8	95	-0.04
74 T	1,2,4-Trimethylbenzene	1.126	1.055	6.3	97	-0.04
75 T	1,3-Dichlorobenzene	0.610	0.591	3.1	101	-0.05
76 T	1,4-Dichlorobenzene	0.582	0.576	1.0	101	-0.04
77 T	1,2-Dichlorobenzene	0.586	0.589	-0.5	107	-0.05
78 T	Hexachloro-1,3-Butadiene	0.430	0.420	2.3	106	-0.05
79 T	Naphthalene	0.666	0.850	-27.6	101	-0.05
80 T	Naphthalene,2-methyl-	0.169	0.139	17.8	58	-0.04
81 T	1,2,4-Trichlorobenzene	0.410	0.448	-9.3	101	-0.05

(#) = Out of Range

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