

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040214.D
 Acq On : 22 Feb 2023 9:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 22 09:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 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	81	-0.02
2 T	Dichlorodifluoromethane	1.864	2.171	-16.5	121	0.00
3	Chlorodifluoromethane	1.195	1.258	-5.3	94	0.00
4	Chloromethane	0.750	0.780	-4.0	93	0.00
5 T	Vinyl Chloride	0.603	0.672	-11.4	93	-0.01
6 T	Bromomethane	0.218	0.231	-6.0	92	-0.02
7	Chloroethane	0.239	0.254	-6.3	96	-0.01
8 T	Dichlorotetrafluoroethane	1.606	1.723	-7.3	95	0.00
9 T	Propene	0.487	0.509	-4.5	91	0.00
10 T	Heptane	1.159	1.292	-11.5	91	-0.03
11 T	Trichlorofluoromethane	1.672	1.831	-9.5	99	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.372	-11.2	99	-0.02
13	Ethanol	0.045	0.024#	46.7#	63	-0.02
14 T	Bromoethene	0.473	0.530	-12.1	94	-0.01
15 T	Acetone	1.204	1.162	3.5	92	-0.02
16 T	1,3-Butadiene	0.550	0.618	-12.4	93	-0.01
17	tert-Butyl alcohol	1.098	1.096	0.2	82	-0.02
18 T	1,1-Dichloroethene	0.536	0.589	-9.9	97	-0.02
19 T	Isopropyl Alcohol	0.572	0.510	10.8	80	-0.02
20 T	Methylene Chloride	0.627	0.496	20.9	94	-0.02
21 T	Allyl Chloride	0.738	0.852	-15.4	93	-0.02
22 T	trans-1,2-Dichloroethene	0.555	0.628	-13.2	96	-0.02
23 T	Vinyl Acetate	0.365	0.371	-1.6	82	-0.02
24 T	1,1-Dichloroethane	1.142	1.242	-8.8	94	-0.02
25 T	Ethyl Acetate	2.238	2.257	-0.8	87	-0.02
26 T	Hexane	0.961	0.947	1.5	87	-0.02
27 T	Carbon Disulfide	1.219	1.484	-21.7	95	-0.02
28 T	Methyl tert-Butyl Ether	1.029	1.118	-8.6	93	-0.02
29 T	Chloroform	1.650	1.700	-3.0	91	-0.02
30 T	Cyclohexane	0.754	0.857	-13.7	92	-0.03
31 T	cis-1,2-Dichloroethene	0.913	0.958	-4.9	94	-0.03
32 T	1,1,1-Trichloroethane	1.550	1.747	-12.7	93	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.03
34 T	2-Butanone	0.493	0.496	-0.6	91	-0.02
35 T	Carbon Tetrachloride	0.591	0.679	-14.9	93	-0.03
36 T	Benzene	0.778	0.799	-2.7	90	-0.03
37 T	1,2-Dichloroethane	0.487	0.503	-3.3	92	-0.03
38 T	Trichloroethene	0.429	0.463	-7.9	87	-0.03
39 T	1,2-Dichloropropane	0.303	0.302	0.3	89	-0.03
40 T	1,4-Dioxane	0.121	0.110	9.1	81	-0.03
41 T	Tetrahydrofuran	0.286	0.299	-4.5	88	-0.03
42 T	Bromodichloromethane	0.672	0.721	-7.3	93	-0.03
43	Methyl Methacrylate	0.288	0.314	-9.0	89	-0.03
44 T	2,2,4-Trimethylpentane	1.299	1.338	-3.0	92	-0.03
45 T	t-1,3-Dichloropropene	0.255	0.300	-17.6	87	-0.03
46 T	cis-1,3-Dichloropropene	0.356	0.407	-14.3	88	-0.03
47 T	1,1,2-Trichloroethane	0.327	0.332	-1.5	90	-0.03
48 T	Dibromochloromethane	0.524	0.577	-10.1	89	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.446	-9.0	87	-0.04
50 T	4-Methyl-2-Pentanone	0.766	0.834	-8.9	92	-0.03
51 T	2-Hexanone	0.589	0.649	-10.2	91	-0.03
52 T	Tetrachloroethene	0.243	0.261	-7.4	86	-0.03
53 T	Toluene	0.834	0.900	-7.9	88	-0.04
54 T	1,2-Dibromoethane	0.341	0.370	-8.5	88	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.03
56	1,1,1,2-Tetrachloroethane	0.420	0.424	-1.0	90	-0.04
57 T	Chlorobenzene	0.731	0.717	1.9	88	-0.04
58 T	Ethyl Benzene	1.215	1.278	-5.2	89	-0.04
59 T	m/p-Xylene	1.076	1.111	-3.3	90	-0.03
60 T	o-Xylene	1.035	1.069	-3.3	90	-0.03
61 T	Styrene	0.544	0.596	-9.6	86	-0.04
62	Isopropylbenzene	1.486	1.502	-1.1	90	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.373	0.361	3.2	92	-0.03
64	n-propylbenzene	0.368	0.377	-2.4	88	-0.04
65	tert-Butylbenzene	1.292	1.299	-0.5	89	-0.04
66 T	Benzyl Chloride	0.086	0.082	4.7	81	-0.04
67	sec-Butylbenzene	1.853	1.841	0.6	90	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.822	0.857	-4.3	87	-0.04
69	p-Isopropyltoluene	1.469	1.472	-0.2	88	-0.03
70	n-Butylbenzene	1.594	1.585	0.6	89	-0.04
71	2-Chlorotoluene	1.137	1.141	-0.4	89	-0.04
72 T	4-Ethyltoluene	1.145	1.197	-4.5	89	-0.03
73 T	1,3,5-Trimethylbenzene	1.065	1.062	0.3	88	-0.04
74 T	1,2,4-Trimethylbenzene	1.170	1.162	0.7	89	-0.04
75 T	1,3-Dichlorobenzene	0.640	0.620	3.1	87	-0.04
76 T	1,4-Dichlorobenzene	0.627	0.603	3.8	86	-0.04
77 T	1,2-Dichlorobenzene	0.636	0.592	6.9	87	-0.04
78 T	Hexachloro-1,3-Butadiene	0.437	0.394	9.8	90	-0.04
79 T	Naphthalene	0.657	0.775	-18.0	86	-0.04
80 T	Naphthalene,2-methyl-	0.187	0.162	13.4	61	-0.03
81 T	1,2,4-Trichlorobenzene	0.411	0.419	-1.9	88	-0.04

(#) = Out of Range

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