

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040216.D
 Acq On : 23 Feb 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 24 00:40:08 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	84	0.00
2 T	Dichlorodifluoromethane	1.864	2.042	-9.5	118	0.00
3	Chlorodifluoromethane	1.195	1.211	-1.3	94	0.00
4	Chloromethane	0.750	0.764	-1.9	95	0.00
5 T	Vinyl Chloride	0.603	0.667	-10.6	96	0.00
6 T	Bromomethane	0.218	0.223	-2.3	92	0.00
7	Chloroethane	0.239	0.242	-1.3	95	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.683	-4.8	97	0.00
9 T	Propene	0.487	0.490	-0.6	91	0.00
10 T	Heptane	1.159	1.279	-10.4	93	0.00
11 T	Trichlorofluoromethane	1.672	1.778	-6.3	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.328	-7.6	100	0.00
13	Ethanol	0.045	0.029#	35.6#	78	0.00
14 T	Bromoethene	0.473	0.526	-11.2	96	0.00
15 T	Acetone	1.204	1.164	3.3	96	0.00
16 T	1,3-Butadiene	0.550	0.586	-6.5	92	0.00
17	tert-Butyl alcohol	1.098	1.208	-10.0	93	0.00
18 T	1,1-Dichloroethene	0.536	0.581	-8.4	99	0.00
19 T	Isopropyl Alcohol	0.572	0.541	5.4	88	0.00
20 T	Methylene Chloride	0.627	0.490	21.9	97	0.00
21 T	Allyl Chloride	0.738	0.811	-9.9	92	0.00
22 T	trans-1,2-Dichloroethene	0.555	0.603	-8.6	96	0.00
23 T	Vinyl Acetate	0.365	0.389	-6.6	90	0.00
24 T	1,1-Dichloroethane	1.142	1.225	-7.3	96	0.00
25 T	Ethyl Acetate	2.238	2.301	-2.8	92	0.00
26 T	Hexane	0.961	0.971	-1.0	93	0.00
27 T	Carbon Disulfide	1.219	1.428	-17.1	95	0.00
28 T	Methyl tert-Butyl Ether	1.029	1.094	-6.3	95	0.00
29 T	Chloroform	1.650	1.675	-1.5	93	0.00
30 T	Cyclohexane	0.754	0.822	-9.0	92	0.00
31 T	cis-1,2-Dichloroethene	0.913	0.935	-2.4	95	0.00
32 T	1,1,1-Trichloroethane	1.550	1.725	-11.3	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.493	0.500	-1.4	92	0.00
35 T	Carbon Tetrachloride	0.591	0.687	-16.2	95	0.00
36 T	Benzene	0.778	0.812	-4.4	92	0.00
37 T	1,2-Dichloroethane	0.487	0.513	-5.3	95	0.00
38 T	Trichloroethene	0.429	0.482	-12.4	92	0.00
39 T	1,2-Dichloropropane	0.303	0.310	-2.3	92	0.00
40 T	1,4-Dioxane	0.121	0.114	5.8	85	0.00
41 T	Tetrahydrofuran	0.286	0.304	-6.3	90	0.00
42 T	Bromodichloromethane	0.672	0.736	-9.5	95	0.00
43	Methyl Methacrylate	0.288	0.321	-11.5	91	0.00
44 T	2,2,4-Trimethylpentane	1.299	1.350	-3.9	93	0.00
45 T	t-1,3-Dichloropropene	0.255	0.307	-20.4	89	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.416	-16.9	90	0.00
47 T	1,1,2-Trichloroethane	0.327	0.341	-4.3	93	0.00
48 T	Dibromochloromethane	0.524	0.601	-14.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.471	-15.2	92	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.844	-10.2	94	0.00
51 T	2-Hexanone	0.589	0.648	-10.0	92	0.00
52 T	Tetrachloroethene	0.243	0.272	-11.9	90	0.00
53 T	Toluene	0.834	0.922	-10.6	91	0.00
54 T	1,2-Dibromoethane	0.341	0.377	-10.6	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.420	0.444	-5.7	94	0.00
57 T	Chlorobenzene	0.731	0.743	-1.6	91	0.00
58 T	Ethyl Benzene	1.215	1.328	-9.3	92	0.00
59 T	m/p-Xylene	1.076	1.156	-7.4	93	0.00
60 T	o-Xylene	1.035	1.114	-7.6	93	0.00
61 T	Styrene	0.544	0.626	-15.1	90	0.00
62	Isopropylbenzene	1.486	1.561	-5.0	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.375	-0.5	95	0.00
64	n-propylbenzene	0.368	0.390	-6.0	90	0.00
65	tert-Butylbenzene	1.292	1.363	-5.5	93	0.00
66 T	Benzyl Chloride	0.086	0.077	10.5	76	0.00
67	sec-Butylbenzene	1.853	1.687	9.0	82	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.864	-5.1	87	0.00
69	p-Isopropyltoluene	1.469	1.500	-2.1	90	0.00
70	n-Butylbenzene	1.594	1.634	-2.5	92	0.00
71	2-Chlorotoluene	1.137	1.203	-5.8	93	0.00
72 T	4-Ethyltoluene	1.145	1.253	-9.4	93	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.117	-4.9	92	0.00
74 T	1,2,4-Trimethylbenzene	1.170	1.213	-3.7	93	0.00
75 T	1,3-Dichlorobenzene	0.640	0.594	7.2	83	0.00
76 T	1,4-Dichlorobenzene	0.627	0.576	8.1	81	0.00
77 T	1,2-Dichlorobenzene	0.636	0.616	3.1	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.437	0.380	13.0	87	0.00
79 T	Naphthalene	0.657	0.725	-10.4	80	0.00
80 T	Naphthalene,2-methyl-	0.187	0.165	11.8	61	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.400	2.7	83	0.00

(#) = Out of Range

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