

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040192.D
 Acq On : 21 Feb 2023 12:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 22 03:17:48 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	94	0.00
2 T	Dichlorodifluoromethane	1.864	1.837	1.4	118	0.00
3	Chlorodifluoromethane	1.195	1.171	2.0	101	0.00
4	Chloromethane	0.750	0.773	-3.1	107	0.00
5 T	Vinyl Chloride	0.603	0.659	-9.3	105	0.00
6 T	Bromomethane	0.218	0.201	7.8	92	0.00
7	Chloroethane	0.239	0.246	-2.9	107	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.550	3.5	99	0.00
9 T	Propene	0.487	0.544	-11.7	112	0.00
10 T	Heptane	1.159	1.332	-14.9	108	0.00
11 T	Trichlorofluoromethane	1.672	1.503	10.1	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.152	6.6	96	0.00
13	Ethanol	0.045	0.032#	28.9	96	0.00
14 T	Bromoethene	0.473	0.480	-1.5	98	0.00
15 T	Acetone	1.204	1.099	8.7	101	0.00
16 T	1,3-Butadiene	0.550	0.599	-8.9	104	0.00
17	tert-Butyl alcohol	1.098	1.196	-8.9	103	0.00
18 T	1,1-Dichloroethene	0.536	0.506	5.6	96	0.00
19 T	Isopropyl Alcohol	0.572	0.543	5.1	98	0.00
20 T	Methylene Chloride	0.627	0.450	28.2	98	0.00
21 T	Allyl Chloride	0.738	0.832	-12.7	105	0.00
22 T	trans-1,2-Dichloroethene	0.555	0.540	2.7	95	0.00
23 T	Vinyl Acetate	0.365	0.392	-7.4	100	0.00
24 T	1,1-Dichloroethane	1.142	1.134	0.7	99	0.00
25 T	Ethyl Acetate	2.238	2.393	-6.9	106	0.00
26 T	Hexane	0.961	1.015	-5.6	108	0.00
27 T	Carbon Disulfide	1.219	1.381	-13.3	102	0.00
28 T	Methyl tert-Butyl Ether	1.029	1.091	-6.0	105	0.00
29 T	Chloroform	1.650	1.594	3.4	98	0.00
30 T	Cyclohexane	0.754	0.902	-19.6	112	0.00
31 T	cis-1,2-Dichloroethene	0.913	1.001	-9.6	113	0.00
32 T	1,1,1-Trichloroethane	1.550	1.573	-1.5	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.493	0.474	3.9	101	0.00
35 T	Carbon Tetrachloride	0.591	0.605	-2.4	96	0.00
36 T	Benzene	0.778	0.834	-7.2	108	0.00
37 T	1,2-Dichloroethane	0.487	0.449	7.8	95	0.00
38 T	Trichloroethene	0.429	0.469	-9.3	103	0.00
39 T	1,2-Dichloropropane	0.303	0.318	-5.0	109	0.00
40 T	1,4-Dioxane	0.121	0.111	8.3	94	0.00
41 T	Tetrahydrofuran	0.286	0.326	-14.0	111	0.00
42 T	Bromodichloromethane	0.672	0.666	0.9	99	0.00
43	Methyl Methacrylate	0.288	0.330	-14.6	108	0.00
44 T	2,2,4-Trimethylpentane	1.299	1.361	-4.8	108	0.00
45 T	t-1,3-Dichloropropene	0.255	0.308	-20.8	103	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.417	-17.1	104	0.00
47 T	1,1,2-Trichloroethane	0.327	0.331	-1.2	104	0.00
48 T	Dibromochloromethane	0.524	0.554	-5.7	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.447	-9.3	100	0.00
50 T	4-Methyl-2-Pentanone	0.766	0.831	-8.5	106	0.00
51 T	2-Hexanone	0.589	0.646	-9.7	105	0.00
52 T	Tetrachloroethene	0.243	0.280	-15.2	107	0.00
53 T	Toluene	0.834	0.945	-13.3	107	0.00
54 T	1,2-Dibromoethane	0.341	0.370	-8.5	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.420	0.417	0.7	100	0.00
57 T	Chlorobenzene	0.731	0.745	-1.9	104	0.00
58 T	Ethyl Benzene	1.215	1.328	-9.3	104	0.00
59 T	m/p-Xylene	1.076	1.108	-3.0	101	0.00
60 T	o-Xylene	1.035	1.057	-2.1	101	0.00
61 T	Styrene	0.544	0.639	-17.5	104	0.00
62	Isopropylbenzene	1.486	1.515	-2.0	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.351	5.9	101	0.00
64	n-propylbenzene	0.368	0.394	-7.1	104	0.00
65	tert-Butylbenzene	1.292	1.311	-1.5	102	0.00
66 T	Benzyl Chloride	0.086	0.087	-1.2	98	0.00
67	sec-Butylbenzene	1.853	1.850	0.2	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.737	10.3	85	0.00
69	p-Isopropyltoluene	1.469	1.510	-2.8	102	0.00
70	n-Butylbenzene	1.594	1.571	1.4	100	0.00
71	2-Chlorotoluene	1.137	1.145	-0.7	100	0.00
72 T	4-Ethyltoluene	1.145	1.231	-7.5	103	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.078	-1.2	101	0.00
74 T	1,2,4-Trimethylbenzene	1.170	1.145	2.1	99	0.00
75 T	1,3-Dichlorobenzene	0.640	0.647	-1.1	102	0.00
76 T	1,4-Dichlorobenzene	0.627	0.624	0.5	100	0.00
77 T	1,2-Dichlorobenzene	0.636	0.619	2.7	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.437	0.398	8.9	103	0.00
79 T	Naphthalene	0.657	0.795	-21.0	99	0.00
80 T	Naphthalene,2-methyl-	0.187	0.221	-18.2	93	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.429	-4.4	102	0.00

(#) = Out of Range

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