

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040190.D
 Acq On : 17 Feb 2023 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 17 08:48:31 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 15 17:01:01 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	101	0.02
2 T	Dichlorodifluoromethane	1.864	1.078	42.2#	75	0.01
3	Chlorodifluoromethane	1.195	1.144	4.3	106	0.01
4	Chloromethane	0.750	0.768	-2.4	114	0.01
5 T	Vinyl Chloride	0.603	0.651	-8.0	112	0.02
6 T	Bromomethane	0.218	0.200	8.3	99	0.02
7	Chloroethane	0.239	0.238	0.4	112	0.01
8 T	Dichlorotetrafluoroethane	1.606	1.463	8.9	101	0.01
9 T	Propene	0.487	0.543	-11.5	121	0.01
10 T	Heptane	1.159	1.310	-13.0	115	0.02
11 T	Trichlorofluoromethane	1.672	1.427	14.7	97	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.068	13.5	96	0.02
13	Ethanol	0.045	0.038#	15.6	123	0.02
14 T	Bromoethene	0.473	0.448	5.3	99	0.02
15 T	Acetone	1.204	1.104	8.3	109	0.01
16 T	1,3-Butadiene	0.550	0.565	-2.7	106	0.01
17	tert-Butyl alcohol	1.098	1.251	-13.9	116	0.02
18 T	1,1-Dichloroethene	0.536	0.499	6.9	102	0.02
19 T	Isopropyl Alcohol	0.572	0.641	-12.1	125	0.02
20 T	Methylene Chloride	0.627	0.432	31.1#	102	0.02
21 T	Allyl Chloride	0.738	0.793	-7.5	108	0.02
22 T	trans-1,2-Dichloroethene	0.555	0.522	5.9	100	0.02
23 T	Vinyl Acetate	0.365	0.393	-7.7	109	0.02
24 T	1,1-Dichloroethane	1.142	1.087	4.8	103	0.02
25 T	Ethyl Acetate	2.238	2.368	-5.8	114	0.02
26 T	Hexane	0.961	1.025	-6.7	117	0.02
27 T	Carbon Disulfide	1.219	1.269	-4.1	101	0.02
28 T	Methyl tert-Butyl Ether	1.029	1.036	-0.7	108	0.02
29 T	Chloroform	1.650	1.528	7.4	102	0.02
30 T	Cyclohexane	0.754	0.854	-13.3	114	0.02
31 T	cis-1,2-Dichloroethene	0.913	1.000	-9.5	122	0.02
32 T	1,1,1-Trichloroethane	1.550	1.488	4.0	99	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.02
34 T	2-Butanone	0.493	0.471	4.5	108	0.02
35 T	Carbon Tetrachloride	0.591	0.565	4.4	97	0.02
36 T	Benzene	0.778	0.814	-4.6	114	0.02
37 T	1,2-Dichloroethane	0.487	0.432	11.3	99	0.02
38 T	Trichloroethene	0.429	0.455	-6.1	107	0.02
39 T	1,2-Dichloropropane	0.303	0.310	-2.3	114	0.02
40 T	1,4-Dioxane	0.121	0.123	-1.7	113	0.02
41 T	Tetrahydrofuran	0.286	0.321	-12.2	117	0.02
42 T	Bromodichloromethane	0.672	0.631	6.1	101	0.03
43	Methyl Methacrylate	0.288	0.327	-13.5	115	0.02
44 T	2,2,4-Trimethylpentane	1.299	1.338	-3.0	115	0.03
45 T	t-1,3-Dichloropropene	0.255	0.310	-21.6	112	0.02
46 T	cis-1,3-Dichloropropene	0.356	0.417	-17.1	112	0.02
47 T	1,1,2-Trichloroethane	0.327	0.323	1.2	109	0.02
48 T	Dibromochloromethane	0.524	0.540	-3.1	104	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.438	-7.1	106	0.03
50 T	4-Methyl-2-Pentanone	0.766	0.818	-6.8	113	0.03
51 T	2-Hexanone	0.589	0.637	-8.1	112	0.03
52 T	Tetrachloroethene	0.243	0.281	-15.6	116	0.03
53 T	Toluene	0.834	0.935	-12.1	115	0.03
54 T	1,2-Dibromoethane	0.341	0.364	-6.7	108	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.03
56	1,1,1,2-Tetrachloroethane	0.420	0.385	8.3	105	0.03
57 T	Chlorobenzene	0.731	0.697	4.7	110	0.03
58 T	Ethyl Benzene	1.215	1.234	-1.6	110	0.03
59 T	m/p-Xylene	1.076	1.030	4.3	107	0.03
60 T	o-Xylene	1.035	0.979	5.4	106	0.03
61 T	Styrene	0.544	0.611	-12.3	113	0.03
62	Isopropylbenzene	1.486	1.413	4.9	109	0.03
63 T	1,1,2,2-Tetrachloroethane	0.373	0.320	14.2	105	0.03
64	n-propylbenzene	0.368	0.370	-0.5	110	0.03
65	tert-Butylbenzene	1.292	1.221	5.5	107	0.03
66 T	Benzyl Chloride	0.086	0.084	2.3	107	0.03
67	sec-Butylbenzene	1.853	1.727	6.8	108	0.03
68 S	1-Bromo-4-Fluorobenzene	0.822	0.750	8.8	98	0.03
69	p-Isopropyltoluene	1.469	1.406	4.3	108	0.02
70	n-Butylbenzene	1.594	1.461	8.3	106	0.03
71	2-Chlorotoluene	1.137	1.075	5.5	107	0.03
72 T	4-Ethyltoluene	1.145	1.152	-0.6	110	0.03
73 T	1,3,5-Trimethylbenzene	1.065	1.010	5.2	108	0.03
74 T	1,2,4-Trimethylbenzene	1.170	1.071	8.5	105	0.03
75 T	1,3-Dichlorobenzene	0.640	0.622	2.8	111	0.02
76 T	1,4-Dichlorobenzene	0.627	0.600	4.3	109	0.03
77 T	1,2-Dichlorobenzene	0.636	0.592	6.9	111	0.03
78 T	Hexachloro-1,3-Butadiene	0.437	0.384	12.1	113	0.03
79 T	Naphthalene	0.657	0.816	-24.2	115	0.03
80 T	Naphthalene,2-methyl-	0.187	0.283	-51.3#	135	0.03
81 T	1,2,4-Trichlorobenzene	0.411	0.439	-6.8	118	0.03

(#) = Out of Range

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