

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040372.D
 Acq On : 14 Apr 2023 00:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 14 08:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 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	0.00
2 T	Dichlorodifluoromethane	1.803	1.638	9.2	108	0.00
3	Chlorodifluoromethane	1.307	1.169	10.6	103	0.00
4	Chloromethane	0.825	0.736	10.8	100	0.00
5 T	Vinyl Chloride	0.681	0.654	4.0	107	0.00
6 T	Bromomethane	0.224	0.201	10.3	98	0.00
7	Chloroethane	0.258	0.230	10.9	98	0.00
8 T	Dichlorotetrafluoroethane	1.762	1.562	11.4	98	0.00
9 T	Propene	0.516	0.500	3.1	110	0.00
10 T	Heptane	1.173	1.196	-2.0	103	0.00
11 T	Trichlorofluoromethane	1.825	1.544	15.4	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.093	14.4	95	0.00
13	Ethanol	0.043	0.029#	32.6#	89	0.00
14 T	Bromoethene	0.522	0.474	9.2	98	0.00
15 T	Acetone	1.416	1.089	23.1	98	0.00
16 T	1,3-Butadiene	0.586	0.568	3.1	104	0.00
17	tert-Butyl alcohol	1.301	1.173	9.8	98	0.00
18 T	1,1-Dichloroethene	0.576	0.508	11.8	97	0.00
19 T	Isopropyl Alcohol	0.646	0.539	16.6	91	0.00
20 T	Methylene Chloride	0.565	0.445	21.2	97	0.00
21 T	Allyl Chloride	0.805	0.760	5.6	102	0.00
22 T	trans-1,2-Dichloroethene	0.576	0.503	12.7	95	0.00
23 T	Vinyl Acetate	0.361	0.349	3.3	111	0.00
24 T	1,1-Dichloroethane	1.200	1.056	12.0	96	0.00
25 T	Ethyl Acetate	2.383	2.207	7.4	101	0.00
26 T	Hexane	1.005	0.958	4.7	104	0.00
27 T	Carbon Disulfide	1.300	1.233	5.2	93	0.00
28 T	Methyl tert-Butyl Ether	1.037	0.961	7.3	100	0.00
29 T	Chloroform	1.790	1.615	9.8	100	0.00
30 T	Cyclohexane	0.778	0.797	-2.4	102	0.00
31 T	cis-1,2-Dichloroethene	0.996	0.982	1.4	102	0.00
32 T	1,1,1-Trichloroethane	1.739	1.612	7.3	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.539	0.521	3.3	107	0.00
35 T	Carbon Tetrachloride	0.704	0.648	8.0	98	0.00
36 T	Benzene	0.816	0.791	3.1	103	0.00
37 T	1,2-Dichloroethane	0.536	0.490	8.6	98	0.00
38 T	Trichloroethene	0.464	0.475	-2.4	100	0.00
39 T	1,2-Dichloropropane	0.321	0.306	4.7	102	0.00
40 T	1,4-Dioxane	0.123	0.105	14.6	94	0.00
41 T	Tetrahydrofuran	0.295	0.298	-1.0	106	0.00
42 T	Bromodichloromethane	0.732	0.684	6.6	97	0.00
43	Methyl Methacrylate	0.303	0.315	-4.0	101	0.00
44 T	2,2,4-Trimethylpentane	1.363	1.288	5.5	101	0.00
45 T	t-1,3-Dichloropropene	0.271	0.301	-11.1	100	0.00
46 T	cis-1,3-Dichloropropene	0.377	0.414	-9.8	101	0.00
47 T	1,1,2-Trichloroethane	0.352	0.329	6.5	99	0.00
48 T	Dibromochloromethane	0.567	0.551	2.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.442	0.427	3.4	93	0.00
50 T	4-Methyl-2-Pentanone	0.818	0.813	0.6	102	0.00
51 T	2-Hexanone	0.604	0.629	-4.1	102	0.00
52 T	Tetrachloroethene	0.255	0.262	-2.7	100	0.00
53 T	Toluene	0.865	0.901	-4.2	102	0.00
54 T	1,2-Dibromoethane	0.357	0.358	-0.3	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.456	0.407	10.7	95	0.00
57 T	Chlorobenzene	0.783	0.703	10.2	97	0.00
58 T	Ethyl Benzene	1.230	1.244	-1.1	98	0.00
59 T	m/p-Xylene	1.131	1.066	5.7	96	0.00
60 T	o-Xylene	1.086	1.026	5.5	96	0.00
61 T	Styrene	0.544	0.586	-7.7	96	0.00
62	Isopropylbenzene	1.564	1.440	7.9	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.397	0.313	21.2	93	0.00
64	n-propylbenzene	0.385	0.368	4.4	96	0.00
65	tert-Butylbenzene	1.376	1.267	7.9	96	0.00
66 T	Benzyl Chloride	0.085	0.080	5.9	89	0.00
67	sec-Butylbenzene	1.976	1.824	7.7	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.801	3.1	97	0.00
69	p-Isopropyltoluene	1.543	1.483	3.9	99	0.00
70	n-Butylbenzene	1.710	1.666	2.6	101	0.00
71	2-Chlorotoluene	1.200	1.112	7.3	95	0.00
72 T	4-Ethyltoluene	1.199	1.178	1.8	96	0.00
73 T	1,3,5-Trimethylbenzene	1.107	1.057	4.5	96	0.00
74 T	1,2,4-Trimethylbenzene	1.265	1.162	8.1	96	0.00
75 T	1,3-Dichlorobenzene	0.693	0.642	7.4	98	0.00
76 T	1,4-Dichlorobenzene	0.685	0.628	8.3	96	0.00
77 T	1,2-Dichlorobenzene	0.685	0.633	7.6	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.549	0.522	4.9	110	0.00
79 T	Naphthalene	0.854	1.168	-36.8#	115	0.00
80 T	Naphthalene,2-methyl-	0.254	0.336	-32.3#	107	0.00
81 T	1,2,4-Trichlorobenzene	0.525	0.593	-13.0	114	0.00

(#) = Out of Range

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