

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040542.D
 Acq On : 26 Jul 2023 14:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleID :
 VSTDCCC010

Quant Time: Jul 27 01:50:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 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	82	-0.03
2 T	Dichlorodifluoromethane	2.000	1.592	20.4	71	-0.03
3	Chlorodifluoromethane	1.585	1.560	1.6	87	-0.04
4	Chloromethane	0.628	0.613	2.4	84	-0.04
5 T	Vinyl Chloride	0.659	0.678	-2.9	91	-0.03
6 T	Bromomethane	0.278	0.294	-5.8	94	-0.03
7	Chloroethane	0.231	0.241	-4.3	91	-0.03
8 T	Dichlorotetrafluoroethane	1.646	1.744	-6.0	93	-0.04
9 T	Propene	0.543	0.474	12.7	76	-0.04
10 T	Heptane	1.198	1.244	-3.8	82	-0.03
11 T	Trichlorofluoromethane	1.614	1.869	-15.8	104	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.328	-16.8	104	-0.03
13	Ethanol	0.118	0.121	-2.5	100	-0.03
14 T	Bromoethene	0.489	0.550	-12.5	97	-0.03
15 T	Acetone	1.151	1.234	-7.2	97	-0.03
16 T	1,3-Butadiene	0.581	0.614	-5.7	87	-0.03
17	tert-Butyl alcohol	1.191	1.387	-16.5	97	-0.03
18 T	1,1-Dichloroethene	0.523	0.593	-13.4	99	-0.03
19 T	Isopropyl Alcohol	0.661	0.770	-16.5	95	-0.03
20 T	Methylene Chloride	0.490	0.495	-1.0	99	-0.03
21 T	Allyl Chloride	0.657	0.672	-2.3	86	-0.03
22 T	trans-1,2-Dichloroethene	0.516	0.591	-14.5	95	-0.03
23 T	Vinyl Acetate	1.097	1.206	-9.9	87	-0.03
24 T	1,1-Dichloroethane	1.113	1.195	-7.4	94	-0.03
25 T	Ethyl Acetate	2.191	2.207	-0.7	84	-0.03
26 T	Hexane	1.018	0.974	4.3	81	-0.03
27 T	Carbon Disulfide	1.198	1.422	-18.7	92	-0.03
28 T	Methyl tert-Butyl Ether	0.820	0.844	-2.9	86	-0.03
29 T	Chloroform	1.689	1.746	-3.4	90	-0.03
30 T	Cyclohexane	0.847	0.830	2.0	81	-0.02
31 T	cis-1,2-Dichloroethene	1.006	1.024	-1.8	82	-0.03
32 T	1,1,1-Trichloroethane	1.652	1.807	-9.4	93	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	-0.03
34 T	2-Butanone	0.494	0.547	-10.7	84	-0.03
35 T	Carbon Tetrachloride	0.602	0.748	-24.3	94	-0.03
36 T	Benzene	0.805	0.831	-3.2	79	-0.03
37 T	1,2-Dichloroethane	0.473	0.543	-14.8	93	-0.03
38 T	Trichloroethene	0.304	0.353	-16.1	85	-0.03
39 T	1,2-Dichloropropane	0.310	0.326	-5.2	81	-0.03
40 T	1,4-Dioxane	0.097	0.114	-17.5	90	-0.03
41 T	Tetrahydrofuran	0.288	0.298	-3.5	76	-0.03
42 T	Bromodichloromethane	0.658	0.782	-18.8	91	-0.03
43	Methyl Methacrylate	0.301	0.346	-15.0	81	-0.03
44 T	2,2,4-Trimethylpentane	1.295	1.391	-7.4	82	-0.03
45 T	t-1,3-Dichloropropene	0.193	0.251	-30.1#	83	-0.03
46 T	cis-1,3-Dichloropropene	0.248	0.301	-21.4	82	-0.03
47 T	1,1,2-Trichloroethane	0.342	0.368	-7.6	84	-0.02
48 T	Dibromochloromethane	0.528	0.641	-21.4	87	-0.03

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49 T	Bromoform	0.419	0.538	-28.4	88	-0.02
50 T	4-Methyl-2-Pentanone	0.718	0.846	-17.8	86	-0.03
51 T	2-Hexanone	0.508	0.625	-23.0	83	-0.02
52 T	Tetrachloroethene	0.261	0.299	-14.6	79	-0.02
53 T	Toluene	0.874	0.984	-12.6	80	-0.02
54 T	1,2-Dibromoethane	0.425	0.497	-16.9	82	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.02
56	1,1,1,2-Tetrachloroethane	0.448	0.478	-6.7	89	-0.02
57 T	Chlorobenzene	0.780	0.782	-0.3	83	-0.02
58 T	Ethyl Benzene	1.255	1.364	-8.7	84	-0.02
59 T	m/p-Xylene	1.120	1.212	-8.2	88	-0.02
60 T	o-Xylene	1.067	1.174	-10.0	89	-0.02
61 T	Styrene	0.492	0.569	-15.7	80	-0.03
62	Isopropylbenzene	1.599	1.701	-6.4	87	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.747	0.815	-9.1	89	-0.02
64	n-propylbenzene	0.414	0.450	-8.7	86	-0.03
65	tert-Butylbenzene	1.416	1.548	-9.3	89	-0.02
66 T	Benzyl Chloride	0.100	0.118	-18.0	86	-0.02
67	sec-Butylbenzene	2.080	2.249	-8.1	90	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.791	0.801	-1.3	83	-0.02
69	p-Isopropyltoluene	1.719	1.862	-8.3	88	-0.02
70	n-Butylbenzene	1.917	2.106	-9.9	90	-0.02
71	2-Chlorotoluene	1.233	1.354	-9.8	88	-0.02
72 T	4-Ethyltoluene	1.251	1.414	-13.0	87	-0.02
73 T	1,3,5-Trimethylbenzene	1.103	1.232	-11.7	88	-0.02
74 T	1,2,4-Trimethylbenzene	1.285	1.417	-10.3	91	-0.02
75 T	1,3-Dichlorobenzene	0.779	0.830	-6.5	88	-0.02
76 T	1,4-Dichlorobenzene	0.764	0.815	-6.7	87	-0.03
77 T	1,2-Dichlorobenzene	0.745	0.800	-7.4	88	-0.02
78 T	Hexachloro-1,3-Butadiene	0.700	0.682	2.6	85	-0.03
79 T	Naphthalene	1.088	1.421	-30.6#	87	-0.02
80 T	Naphthalene,2-methyl-	0.448	0.600	-33.9#	80	-0.01
81 T	1,2,4-Trichlorobenzene	0.749	0.840	-12.1	87	-0.02

(#) = Out of Range

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