

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040626.D
 Acq On : 10 Aug 2023 9:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 10 10:26:05 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	85	0.00
2 T	Dichlorodifluoromethane	2.000	1.896	5.2	88	-0.02
3	Chlorodifluoromethane	1.585	1.751	-10.5	102	-0.02
4	Chloromethane	0.628	0.726	-15.6	104	-0.02
5 T	Vinyl Chloride	0.659	0.778	-18.1	109	-0.01
6 T	Bromomethane	0.278	0.299	-7.6	100	-0.01
7	Chloroethane	0.231	0.270	-16.9	106	-0.01
8 T	Dichlorotetrafluoroethane	1.646	1.792	-8.9	100	-0.02
9 T	Propene	0.543	0.621	-14.4	104	-0.02
10 T	Heptane	1.198	1.514	-26.4	104	0.00
11 T	Trichlorofluoromethane	1.614	1.704	-5.6	99	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.256	-10.5	102	0.00
13	Ethanol	0.118	0.143	-21.2	123	0.00
14 T	Bromoethene	0.489	0.553	-13.1	102	-0.01
15 T	Acetone	1.151	1.290	-12.1	106	0.00
16 T	1,3-Butadiene	0.581	0.706	-21.5	105	-0.01
17	tert-Butyl alcohol	1.191	1.562	-31.2#	114	0.00
18 T	1,1-Dichloroethene	0.523	0.584	-11.7	102	0.00
19 T	Isopropyl Alcohol	0.661	0.919	-39.0#	119	0.00
20 T	Methylene Chloride	0.490	0.526	-7.3	110	0.00
21 T	Allyl Chloride	0.657	0.767	-16.7	103	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.586	-13.6	98	0.00
23 T	Vinyl Acetate	1.097	1.428	-30.2#	107	0.00
24 T	1,1-Dichloroethane	1.113	1.244	-11.8	102	0.00
25 T	Ethyl Acetate	2.191	2.616	-19.4	104	0.00
26 T	Hexane	1.018	1.237	-21.5	107	0.00
27 T	Carbon Disulfide	1.198	1.440	-20.2	98	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.956	-16.6	102	0.00
29 T	Chloroform	1.689	1.798	-6.5	96	0.00
30 T	Cyclohexane	0.847	1.019	-20.3	104	0.00
31 T	cis-1,2-Dichloroethene	1.006	1.180	-17.3	99	0.00
32 T	1,1,1-Trichloroethane	1.652	1.768	-7.0	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.494	0.556	-12.6	98	0.00
35 T	Carbon Tetrachloride	0.602	0.641	-6.5	93	0.00
36 T	Benzene	0.805	0.931	-15.7	103	0.00
37 T	1,2-Dichloroethane	0.473	0.493	-4.2	98	0.00
38 T	Trichloroethene	0.304	0.348	-14.5	97	0.00
39 T	1,2-Dichloropropane	0.310	0.354	-14.2	101	0.00
40 T	1,4-Dioxane	0.097	0.118	-21.6	109	0.00
41 T	Tetrahydrofuran	0.288	0.356	-23.6	106	0.00
42 T	Bromodichloromethane	0.658	0.704	-7.0	95	0.00
43	Methyl Methacrylate	0.301	0.371	-23.3	100	0.00
44 T	2,2,4-Trimethylpentane	1.295	1.513	-16.8	103	0.00
45 T	t-1,3-Dichloropropene	0.193	0.243	-25.9	94	0.00
46 T	cis-1,3-Dichloropropene	0.248	0.297	-19.8	94	0.00
47 T	1,1,2-Trichloroethane	0.342	0.372	-8.8	98	0.00
48 T	Dibromochloromethane	0.528	0.603	-14.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.496	-18.4	94	0.00
50 T	4-Methyl-2-Pentanone	0.718	0.863	-20.2	101	0.00
51 T	2-Hexanone	0.508	0.618	-21.7	95	0.00
52 T	Tetrachloroethene	0.261	0.318	-21.8	97	0.00
53 T	Toluene	0.874	1.052	-20.4	99	0.00
54 T	1,2-Dibromoethane	0.425	0.475	-11.8	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.448	0.474	-5.8	95	0.00
57 T	Chlorobenzene	0.780	0.848	-8.7	97	0.00
58 T	Ethyl Benzene	1.255	1.482	-18.1	98	0.00
59 T	m/p-Xylene	1.120	1.241	-10.8	97	0.00
60 T	o-Xylene	1.067	1.184	-11.0	97	0.00
61 T	Styrene	0.492	0.627	-27.4	95	0.00
62	Isopropylbenzene	1.599	1.738	-8.7	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.747	0.825	-10.4	97	0.00
64	n-propylbenzene	0.414	0.461	-11.4	94	0.00
65	tert-Butylbenzene	1.416	1.509	-6.6	93	0.00
66 T	Benzyl Chloride	0.100	0.129	-29.0	101	0.00
67	sec-Butylbenzene	2.080	2.162	-3.9	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.791	0.756	4.4	84	0.00
69	p-Isopropyltoluene	1.719	1.801	-4.8	91	0.00
70	n-Butylbenzene	1.917	1.939	-1.1	89	0.00
71	2-Chlorotoluene	1.233	1.355	-9.9	95	0.00
72 T	4-Ethyltoluene	1.251	1.406	-12.4	94	0.00
73 T	1,3,5-Trimethylbenzene	1.103	1.217	-10.3	93	0.00
74 T	1,2,4-Trimethylbenzene	1.285	1.329	-3.4	92	0.00
75 T	1,3-Dichlorobenzene	0.779	0.800	-2.7	91	0.00
76 T	1,4-Dichlorobenzene	0.764	0.781	-2.2	90	0.00
77 T	1,2-Dichlorobenzene	0.745	0.765	-2.7	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.700	0.557	20.4	75	0.00
79 T	Naphthalene	1.088	1.159	-6.5	76	0.00
80 T	Naphthalene,2-methyl-	0.448	0.401	10.5	57	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.670	10.5	75	0.00

(#) = Out of Range

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