

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040128.D
 Acq On : 30 Jan 2023 11:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 31 05:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 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	84	0.00
2 T	Dichlorodifluoromethane	1.753	1.906	-8.7	104	0.00
3	Chlorodifluoromethane	1.199	1.166	2.8	88	0.00
4	Chloromethane	0.741	0.764	-3.1	91	0.00
5 T	Vinyl Chloride	0.628	0.652	-3.8	89	0.00
6 T	Bromomethane	0.229	0.212	7.4	82	0.00
7	Chloroethane	0.240	0.239	0.4	90	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.548	5.4	84	0.00
9 T	Propene	0.498	0.529	-6.2	96	0.00
10 T	Heptane	1.149	1.295	-12.7	91	0.00
11 T	Trichlorofluoromethane	1.750	1.565	10.6	77	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.168	11.2	78	0.00
13	Ethanol	0.046	0.038#	17.4	90	0.00
14 T	Bromoethene	0.488	0.492	-0.8	85	0.00
15 T	Acetone	1.199	1.142	4.8	87	0.00
16 T	1,3-Butadiene	0.559	0.583	-4.3	90	0.00
17	tert-Butyl alcohol	1.117	1.142	-2.2	83	0.00
18 T	1,1-Dichloroethene	0.572	0.546	4.5	83	0.00
19 T	Isopropyl Alcohol	0.587	0.573	2.4	85	0.00
20 T	Methylene Chloride	0.529	0.459	13.2	82	0.00
21 T	Allyl Chloride	0.770	0.820	-6.5	89	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.573	1.9	84	0.00
23 T	Vinyl Acetate	0.389	0.420	-8.0	91	0.00
24 T	1,1-Dichloroethane	1.177	1.164	1.1	85	0.00
25 T	Ethyl Acetate	2.113	2.311	-9.4	94	0.00
26 T	Hexane	0.925	1.026	-10.9	98	0.00
27 T	Carbon Disulfide	1.198	1.466	-22.4	91	0.00
28 T	Methyl tert-Butyl Ether	1.040	1.100	-5.8	91	0.00
29 T	Chloroform	1.478	1.623	-9.8	97	0.00
30 T	Cyclohexane	0.735	0.871	-18.5	97	0.00
31 T	cis-1,2-Dichloroethene	0.895	0.901	-0.7	86	0.00
32 T	1,1,1-Trichloroethane	1.503	1.630	-8.4	87	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.473	0.470	0.6	88	0.00
35 T	Carbon Tetrachloride	0.565	0.626	-10.8	87	0.00
36 T	Benzene	0.740	0.799	-8.0	96	0.00
37 T	1,2-Dichloroethane	0.476	0.447	6.1	85	0.00
38 T	Trichloroethene	0.420	0.463	-10.2	94	0.00
39 T	1,2-Dichloropropane	0.289	0.301	-4.2	93	0.00
40 T	1,4-Dioxane	0.115	0.120	-4.3	90	0.00
41 T	Tetrahydrofuran	0.273	0.306	-12.1	98	0.00
42 T	Bromodichloromethane	0.642	0.682	-6.2	88	0.00
43	Methyl Methacrylate	0.272	0.319	-17.3	94	0.00
44 T	2,2,4-Trimethylpentane	1.231	1.288	-4.6	92	0.00
45 T	t-1,3-Dichloropropene	0.242	0.319	-31.8#	96	0.00
46 T	cis-1,3-Dichloropropene	0.331	0.427	-29.0	96	0.00
47 T	1,1,2-Trichloroethane	0.305	0.329	-7.9	93	0.00
48 T	Dibromochloromethane	0.490	0.583	-19.0	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.475	-26.0	93	0.00
50 T	4-Methyl-2-Pentanone	0.744	0.804	-8.1	90	0.00
51 T	2-Hexanone	0.564	0.631	-11.9	89	0.00
52 T	Tetrachloroethene	0.242	0.279	-15.3	97	0.00
53 T	Toluene	0.789	0.922	-16.9	96	0.00
54 T	1,2-Dibromoethane	0.319	0.379	-18.8	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.389	0.400	-2.8	89	0.00
57 T	Chlorobenzene	0.682	0.709	-4.0	95	0.00
58 T	Ethyl Benzene	1.116	1.242	-11.3	93	0.00
59 T	m/p-Xylene	1.003	1.043	-4.0	89	0.00
60 T	o-Xylene	0.952	0.994	-4.4	88	0.00
61 T	Styrene	0.496	0.607	-22.4	95	0.00
62	Isopropylbenzene	1.370	1.420	-3.6	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.346	0.334	3.5	88	0.00
64	n-propylbenzene	0.341	0.371	-8.8	93	0.00
65	tert-Butylbenzene	1.173	1.227	-4.6	89	0.00
66 T	Benzyl Chloride	0.080	0.106	-32.5#	98	0.00
67	sec-Butylbenzene	1.663	1.723	-3.6	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.754	9.3	80	0.00
69	p-Isopropyltoluene	1.307	1.406	-7.6	90	0.00
70	n-Butylbenzene	1.409	1.459	-3.5	87	0.00
71	2-Chlorotoluene	1.054	1.087	-3.1	89	0.00
72 T	4-Ethyltoluene	1.057	1.145	-8.3	89	0.00
73 T	1,3,5-Trimethylbenzene	0.952	1.007	-5.8	89	0.00
74 T	1,2,4-Trimethylbenzene	1.054	1.087	-3.1	88	0.00
75 T	1,3-Dichlorobenzene	0.585	0.611	-4.4	90	0.00
76 T	1,4-Dichlorobenzene	0.576	0.607	-5.4	91	0.00
77 T	1,2-Dichlorobenzene	0.560	0.583	-4.1	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.410	0.386	5.9	93	0.00
79 T	Naphthalene	0.604	0.814	-34.8#	97	0.00
80 T	Naphthalene,2-methyl-	0.203	0.270	-33.0#	107	0.00
81 T	1,2,4-Trichlorobenzene	0.372	0.426	-14.5	97	0.00

(#) = Out of Range

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