

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040299.D
 Acq On : 16 Mar 2023 17:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 17 05:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 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	102	0.00
2 T	Dichlorodifluoromethane	1.962	1.869	4.7	148	0.00
3	Chlorodifluoromethane	1.257	1.091	13.2	100	0.00
4	Chloromethane	0.776	0.693	10.7	100	0.00
5 T	Vinyl Chloride	0.629	0.597	5.1	101	0.00
6 T	Bromomethane	0.218	0.200	8.3	101	0.00
7	Chloroethane	0.241	0.216	10.4	97	0.00
8 T	Dichlorotetrafluoroethane	1.679	1.485	11.6	100	0.00
9 T	Propene	0.482	0.455	5.6	109	0.00
10 T	Heptane	1.159	1.129	2.6	99	0.00
11 T	Trichlorofluoromethane	1.778	1.548	12.9	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.141	14.5	93	0.00
13	Ethanol	0.035	0.025#	28.6	86	0.00
14 T	Bromoethene	0.498	0.463	7.0	96	0.00
15 T	Acetone	1.217	1.042	14.4	98	0.00
16 T	1,3-Butadiene	0.553	0.525	5.1	100	0.00
17	tert-Butyl alcohol	1.157	1.021	11.8	88	0.00
18 T	1,1-Dichloroethene	0.573	0.515	10.1	97	0.00
19 T	Isopropyl Alcohol	0.583	0.480	17.7	89	0.00
20 T	Methylene Chloride	0.512	0.411	19.7	93	0.00
21 T	Allyl Chloride	0.789	0.744	5.7	98	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.541	7.2	97	0.00
23 T	Vinyl Acetate	0.339	0.349	-2.9	107	0.00
24 T	1,1-Dichloroethane	1.208	1.086	10.1	98	0.00
25 T	Ethyl Acetate	2.279	2.134	6.4	106	0.00
26 T	Hexane	0.936	0.898	4.1	107	0.00
27 T	Carbon Disulfide	1.307	1.275	2.4	95	0.00
28 T	Methyl tert-Butyl Ether	1.074	0.994	7.4	100	0.00
29 T	Chloroform	1.652	1.555	5.9	115	0.00
30 T	Cyclohexane	0.737	0.751	-1.9	101	0.00
31 T	cis-1,2-Dichloroethene	0.911	0.928	-1.9	110	0.00
32 T	1,1,1-Trichloroethane	1.583	1.563	1.3	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.494	0.470	4.9	98	0.00
35 T	Carbon Tetrachloride	0.628	0.639	-1.8	98	0.00
36 T	Benzene	0.762	0.750	1.6	101	0.00
37 T	1,2-Dichloroethane	0.496	0.479	3.4	100	0.00
38 T	Trichloroethene	0.416	0.448	-7.7	98	0.00
39 T	1,2-Dichloropropane	0.299	0.288	3.7	100	0.00
40 T	1,4-Dioxane	0.118	0.108	8.5	89	0.00
41 T	Tetrahydrofuran	0.285	0.287	-0.7	102	0.00
42 T	Bromodichloromethane	0.678	0.671	1.0	98	0.00
43	Methyl Methacrylate	0.283	0.301	-6.4	100	0.00
44 T	2,2,4-Trimethylpentane	1.271	1.234	2.9	99	0.00
45 T	t-1,3-Dichloropropene	0.247	0.301	-21.9	103	0.00
46 T	cis-1,3-Dichloropropene	0.351	0.398	-13.4	102	0.00
47 T	1,1,2-Trichloroethane	0.319	0.314	1.6	100	0.00
48 T	Dibromochloromethane	0.525	0.545	-3.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.418	-6.1	97	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.773	-1.2	99	0.00
51 T	2-Hexanone	0.592	0.609	-2.9	99	0.00
52 T	Tetrachloroethene	0.231	0.252	-9.1	100	0.00
53 T	Toluene	0.799	0.854	-6.9	100	0.00
54 T	1,2-Dibromoethane	0.328	0.355	-8.2	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.421	0.379	10.0	99	0.00
57 T	Chlorobenzene	0.711	0.640	10.0	99	0.00
58 T	Ethyl Benzene	1.139	1.138	0.1	100	0.00
59 T	m/p-Xylene	1.043	0.988	5.3	98	0.00
60 T	o-Xylene	0.997	0.942	5.5	97	0.00
61 T	Styrene	0.506	0.540	-6.7	99	0.00
62	Isopropylbenzene	1.420	1.321	7.0	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.351	0.294	16.2	98	0.00
64	n-propylbenzene	0.347	0.333	4.0	99	0.00
65	tert-Butylbenzene	1.224	1.123	8.3	97	0.00
66 T	Benzyl Chloride	0.080	0.078	2.5	100	0.00
67	sec-Butylbenzene	1.750	1.591	9.1	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.837	0.796	4.9	97	0.00
69	p-Isopropyltoluene	1.363	1.270	6.8	97	0.00
70	n-Butylbenzene	1.501	1.370	8.7	97	0.00
71	2-Chlorotoluene	1.081	1.004	7.1	97	0.00
72 T	4-Ethyltoluene	1.090	1.049	3.8	97	0.00
73 T	1,3,5-Trimethylbenzene	0.988	0.937	5.2	98	0.00
74 T	1,2,4-Trimethylbenzene	1.126	1.013	10.0	97	0.00
75 T	1,3-Dichlorobenzene	0.610	0.544	10.8	97	0.00
76 T	1,4-Dichlorobenzene	0.582	0.530	8.9	97	0.00
77 T	1,2-Dichlorobenzene	0.586	0.510	13.0	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.430	0.369	14.2	98	0.00
79 T	Naphthalene	0.666	0.787	-18.2	98	0.00
80 T	Naphthalene,2-methyl-	0.169	0.207	-22.5	90	0.00
81 T	1,2,4-Trichlorobenzene	0.410	0.408	0.5	96	0.00

(#) = Out of Range

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