

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040997.D
 Acq On : 23 Jan 2024 14:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012324

Quant Time: Jan 24 00:59:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 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	2.209	1.937	12.3	101	0.00
3	Chlorodifluoromethane	1.682	1.487	11.6	102	0.00
4	Chloromethane	0.630	0.561	11.0	102	0.00
5 T	Vinyl Chloride	0.618	0.585	5.3	100	0.00
6 T	Bromomethane	0.269	0.246	8.6	102	0.00
7	Chloroethane	0.223	0.207	7.2	105	0.00
8 T	Dichlorotetrafluoroethane	1.650	1.417	14.1	99	0.00
9 T	Propene	0.552	0.517	6.3	109	0.00
10 T	Heptane	1.358	1.260	7.2	101	0.00
11 T	Trichlorofluoromethane	1.780	1.536	13.7	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.290	1.117	13.4	98	0.00
13	Ethanol	0.131	0.113	13.7	106	0.00
14 T	Bromoethene	0.495	0.450	9.1	99	0.00
15 T	Acetone	1.279	1.065	16.7	104	0.00
16 T	1,3-Butadiene	0.612	0.555	9.3	100	0.00
17	tert-Butyl alcohol	1.049	1.053	-0.4	103	0.00
18 T	1,1-Dichloroethene	0.552	0.493	10.7	99	0.00
19 T	Isopropyl Alcohol	0.740	0.718	3.0	105	0.00
20 T	Methylene Chloride	0.492	0.405	17.7	100	0.00
21 T	Allyl Chloride	0.777	0.725	6.7	103	0.00
22 T	trans-1,2-Dichloroethene	0.569	0.531	6.7	103	0.00
23 T	Vinyl Acetate	1.318	1.319	-0.1	108	0.00
24 T	1,1-Dichloroethane	1.169	1.036	11.4	99	0.00
25 T	Ethyl Acetate	2.319	2.190	5.6	104	0.00
26 T	Hexane	0.988	0.928	6.1	104	0.00
27 T	Carbon Disulfide	1.286	1.277	0.7	102	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.781	4.8	105	0.00
29 T	Chloroform	1.753	1.575	10.2	101	0.00
30 T	Cyclohexane	0.828	0.811	2.1	105	0.00
31 T	cis-1,2-Dichloroethene	0.928	0.916	1.3	110	0.00
32 T	1,1,1-Trichloroethane	1.675	1.588	5.2	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.476	0.463	2.7	104	0.00
35 T	Carbon Tetrachloride	0.667	0.660	1.0	103	0.00
36 T	Benzene	0.826	0.791	4.2	103	0.00
37 T	1,2-Dichloroethane	0.504	0.472	6.3	100	0.00
38 T	Trichloroethene	0.331	0.311	6.0	102	0.00
39 T	1,2-Dichloropropane	0.325	0.307	5.5	102	0.00
40 T	1,4-Dioxane	0.135	0.133	1.5	106	0.00
41 T	Tetrahydrofuran	0.323	0.332	-2.8	104	0.00
42 T	Bromodichloromethane	0.721	0.696	3.5	101	0.00
43	Methyl Methacrylate	0.319	0.325	-1.9	102	0.00
44 T	2,2,4-Trimethylpentane	1.390	1.293	7.0	102	0.00
45 T	t-1,3-Dichloropropene	0.218	0.242	-11.0	103	0.00
46 T	cis-1,3-Dichloropropene	0.272	0.292	-7.4	105	0.00
47 T	1,1,2-Trichloroethane	0.351	0.334	4.8	102	0.00
48 T	Dibromochloromethane	0.593	0.597	-0.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.465	0.481	-3.4	101	0.00
50 T	4-Methyl-2-Pentanone	0.839	0.828	1.3	101	0.00
51 T	2-Hexanone	0.605	0.606	-0.2	100	0.00
52 T	Tetrachloroethene	0.274	0.274	0.0	103	0.00
53 T	Toluene	0.905	0.900	0.6	102	0.00
54 T	1,2-Dibromoethane	0.475	0.478	-0.6	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	0.480	0.443	7.7	101	0.00
57 T	Chlorobenzene	0.804	0.734	8.7	102	0.00
58 T	Ethyl Benzene	1.343	1.282	4.5	101	0.00
59 T	m/p-Xylene	1.171	1.091	6.8	101	0.00
60 T	o-Xylene	1.123	1.037	7.7	100	0.00
61 T	Styrene	0.516	0.536	-3.9	101	0.00
62	Isopropylbenzene	1.661	1.511	9.0	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.873	0.767	12.1	101	0.00
64	n-propylbenzene	0.420	0.394	6.2	102	0.00
65	tert-Butylbenzene	1.451	1.327	8.5	100	0.00
66 T	Benzyl Chloride	0.095	0.099	-4.2	104	0.00
67	sec-Butylbenzene	2.113	1.873	11.4	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.755	0.734	2.8	100	0.00
69	p-Isopropyltoluene	1.637	1.520	7.1	100	0.00
70	n-Butylbenzene	1.769	1.612	8.9	100	0.00
71	2-Chlorotoluene	1.282	1.175	8.3	99	0.00
72 T	4-Ethyltoluene	1.255	1.202	4.2	102	0.00
73 T	1,3,5-Trimethylbenzene	1.113	1.027	7.7	100	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.134	10.1	100	0.00
75 T	1,3-Dichlorobenzene	0.718	0.653	9.1	101	0.00
76 T	1,4-Dichlorobenzene	0.709	0.629	11.3	99	0.00
77 T	1,2-Dichlorobenzene	0.714	0.634	11.2	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.460	0.361	21.5	99	0.00
79 T	Naphthalene	0.720	0.843	-17.1	99	0.00
80 T	Naphthalene,2-methyl-	0.126	0.182	-44.4#	118	0.00
81 T	1,2,4-Trichlorobenzene	0.420	0.413	1.7	100	0.00

(#) = Out of Range

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