

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122023\
 Data File : VL040921.D
 Acq On : 20 Dec 2023 16:35
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL122023

Quant Time: Dec 21 07:35:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:32:42 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	99	0.00
2 T	Dichlorodifluoromethane	1.905	1.726	9.4	99	0.02
3	Chlorodifluoromethane	1.505	1.353	10.1	99	0.02
4	Chloromethane	0.555	0.502	9.5	100	0.02
5 T	Vinyl Chloride	0.536	0.527	1.7	103	0.02
6 T	Bromomethane	0.238	0.228	4.2	100	0.02
7	Chloroethane	0.191	0.187	2.1	105	0.02
8 T	Dichlorotetrafluoroethane	1.372	1.277	6.9	101	0.02
9 T	Propene	0.497	0.473	4.8	99	0.02
10 T	Heptane	1.234	1.178	4.5	100	0.00
11 T	Trichlorofluoromethane	1.489	1.375	7.7	99	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.156	0.996	13.8	99	0.02
13	Ethanol	0.125	0.107	14.4	102	0.02
14 T	Bromoethene	0.424	0.410	3.3	102	0.02
15 T	Acetone	1.199	0.962	19.8	100	0.02
16 T	1,3-Butadiene	0.516	0.516	0.0	104	0.02
17	tert-Butyl alcohol	0.887	0.825	7.0	97	0.02
18 T	1,1-Dichloroethene	0.477	0.448	6.1	103	0.02
19 T	Isopropyl Alcohol	0.626	0.563	10.1	98	0.01
20 T	Methylene Chloride	0.428	0.353	17.5	96	0.02
21 T	Allyl Chloride	0.709	0.657	7.3	98	0.01
22 T	trans-1,2-Dichloroethene	0.544	0.475	12.7	85	0.01
23 T	Vinyl Acetate	1.323	1.407	-6.3	99	0.02
24 T	1,1-Dichloroethane	1.184	1.112	6.1	97	0.02
25 T	Ethyl Acetate	2.078	2.008	3.4	100	0.01
26 T	Hexane	0.921	0.872	5.3	100	0.00
27 T	Carbon Disulfide	1.246	1.146	8.0	103	0.02
28 T	Methyl tert-Butyl Ether	0.855	0.842	1.5	99	0.02
29 T	Chloroform	1.554	1.454	6.4	100	0.01
30 T	Cyclohexane	0.768	0.745	3.0	100	0.00
31 T	cis-1,2-Dichloroethene	0.946	0.918	3.0	99	0.00
32 T	1,1,1-Trichloroethane	1.503	1.445	3.9	100	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.529	0.512	3.2	100	0.01
35 T	Carbon Tetrachloride	0.626	0.614	1.9	100	0.01
36 T	Benzene	0.782	0.739	5.5	100	0.00
37 T	1,2-Dichloroethane	0.468	0.448	4.3	100	0.01
38 T	Trichloroethene	0.294	0.290	1.4	104	0.00
39 T	1,2-Dichloropropane	0.307	0.290	5.5	100	0.00
40 T	1,4-Dioxane	0.130	0.115	11.5	99	0.00
41 T	Tetrahydrofuran	0.322	0.313	2.8	101	0.01
42 T	Bromodichloromethane	0.676	0.651	3.7	101	0.00
43	Methyl Methacrylate	0.307	0.309	-0.7	99	0.00
44 T	2,2,4-Trimethylpentane	1.328	1.219	8.2	100	0.00
45 T	t-1,3-Dichloropropene	0.227	0.256	-12.8	101	0.00
46 T	cis-1,3-Dichloropropene	0.282	0.299	-6.0	102	0.00
47 T	1,1,2-Trichloroethane	0.326	0.310	4.9	102	0.00
48 T	Dibromochloromethane	0.556	0.559	-0.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.429	0.444	-3.5	101	0.00
50 T	4-Methyl-2-Pentanone	0.801	0.774	3.4	100	0.00
51 T	2-Hexanone	0.577	0.574	0.5	98	0.00
52 T	Tetrachloroethene	0.263	0.252	4.2	99	0.00
53 T	Toluene	0.867	0.843	2.8	100	0.00
54 T	1,2-Dibromoethane	0.447	0.450	-0.7	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.398	8.9	101	0.00
57 T	Chlorobenzene	0.736	0.656	10.9	101	0.00
58 T	Ethyl Benzene	1.284	1.147	10.7	99	0.00
59 T	m/p-Xylene	1.093	0.971	11.2	100	0.00
60 T	o-Xylene	1.029	0.922	10.4	100	0.00
61 T	Styrene	0.489	0.489	0.0	100	0.00
62	Isopropylbenzene	1.527	1.346	11.9	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.742	0.677	8.8	101	0.00
64	n-propylbenzene	0.383	0.353	7.8	100	0.00
65	tert-Butylbenzene	1.298	1.179	9.2	100	0.00
66 T	Benzyl Chloride	0.089	0.104	-16.9	104	0.00
67	sec-Butylbenzene	1.886	1.657	12.1	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.702	4.7	98	0.00
69	p-Isopropyltoluene	1.466	1.349	8.0	100	0.00
70	n-Butylbenzene	1.522	1.422	6.6	101	0.00
71	2-Chlorotoluene	1.176	1.057	10.1	100	0.00
72 T	4-Ethyltoluene	1.130	1.062	6.0	99	0.00
73 T	1,3,5-Trimethylbenzene	0.975	0.923	5.3	100	0.00
74 T	1,2,4-Trimethylbenzene	1.085	1.006	7.3	100	0.00
75 T	1,3-Dichlorobenzene	0.620	0.582	6.1	101	0.00
76 T	1,4-Dichlorobenzene	0.606	0.570	5.9	102	0.00
77 T	1,2-Dichlorobenzene	0.597	0.554	7.2	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.367	0.301	18.0	101	0.00
79 T	Naphthalene	0.523	0.675	-29.1	108	0.00
80 T	Naphthalene,2-methyl-	0.096	0.144	-50.0#	145	0.00
81 T	1,2,4-Trichlorobenzene	0.300	0.340	-13.3	105	0.00

(#) = Out of Range

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