

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041359.D
 Acq On : 26 Jun 2024 14:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624

Quant Time: Jun 26 15:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 26 13:36:23 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	99	0.02
2 T	Dichlorodifluoromethane	1.706	1.360	20.3	94	0.04
3	Chlorodifluoromethane	1.724	1.482	14.0	100	0.04
4	Chloromethane	0.659	0.578	12.3	101	0.04
5 T	Vinyl Chloride	0.712	0.611	14.2	102	0.04
6 T	Bromomethane	0.225	0.205	8.9	101	0.04
7	Chloroethane	0.235	0.217	7.7	108	0.04
8 T	Dichlorotetrafluoroethane	1.659	1.466	11.6	103	0.04
9 T	Propene	0.597	0.526	11.9	102	0.04
10 T	Heptane	1.401	1.270	9.4	101	0.00
11 T	Trichlorofluoromethane	1.661	1.453	12.5	101	0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.164	1.028	11.7	102	0.03
13	Ethanol	0.132	0.127	3.8	111	0.03
14 T	Bromoethene	0.467	0.432	7.5	101	0.04
15 T	Acetone	1.321	1.104	16.4	102	0.04
16 T	1,3-Butadiene	0.629	0.614	2.4	102	0.04
17	tert-Butyl alcohol	1.019	1.157	-13.5	120	0.03
18 T	1,1-Dichloroethene	0.512	0.474	7.4	101	0.03
19 T	Isopropyl Alcohol	0.725	0.847	-16.8	135	0.03
20 T	Methylene Chloride	0.479	0.390	18.6	102	0.03
21 T	Allyl Chloride	0.797	0.718	9.9	99	0.03
22 T	trans-1,2-Dichloroethene	0.508	0.460	9.4	100	0.03
23 T	Vinyl Acetate	1.302	1.374	-5.5	111	0.03
24 T	1,1-Dichloroethane	1.129	1.003	11.2	101	0.03
25 T	Ethyl Acetate	2.432	2.212	9.0	105	0.02
26 T	Hexane	1.077	0.953	11.5	101	0.02
27 T	Carbon Disulfide	1.310	1.233	5.9	101	0.03
28 T	Methyl tert-Butyl Ether	0.799	0.770	3.6	109	0.03
29 T	Chloroform	1.661	1.458	12.2	102	0.02
30 T	Cyclohexane	0.858	0.807	5.9	103	0.02
31 T	cis-1,2-Dichloroethene	1.032	0.953	7.7	101	0.02
32 T	1,1,1-Trichloroethane	1.744	1.461	16.2	102	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.02
34 T	2-Butanone	0.528	0.506	4.2	103	0.02
35 T	Carbon Tetrachloride	0.660	0.564	14.5	101	0.02
36 T	Benzene	0.828	0.758	8.5	102	0.02
37 T	1,2-Dichloroethane	0.475	0.432	9.1	101	0.02
38 T	Trichloroethene	0.361	0.291	19.4	103	0.01
39 T	1,2-Dichloropropane	0.320	0.293	8.4	103	0.01
40 T	1,4-Dioxane	0.103	0.109	-5.8	136	0.02
41 T	Tetrahydrofuran	0.327	0.323	1.2	105	0.02
42 T	Bromodichloromethane	0.664	0.617	7.1	102	0.01
43	Methyl Methacrylate	0.311	0.312	-0.3	105	0.01
44 T	2,2,4-Trimethylpentane	1.406	1.266	10.0	103	0.01
45 T	t-1,3-Dichloropropene	0.197	0.214	-8.6	105	0.00
46 T	cis-1,3-Dichloropropene	0.265	0.259	2.3	101	0.00
47 T	1,1,2-Trichloroethane	0.343	0.306	10.8	102	0.01
48 T	Dibromochloromethane	0.551	0.520	5.6	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.422	3.9	101	0.00
50 T	4-Methyl-2-Pentanone	0.847	0.791	6.6	103	0.01
51 T	2-Hexanone	0.602	0.571	5.1	104	0.00
52 T	Tetrachloroethene	0.332	0.269	19.0	102	0.00
53 T	Toluene	0.933	0.873	6.4	101	0.00
54 T	1,2-Dibromoethane	0.425	0.407	4.2	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.450	0.397	11.8	100	0.00
57 T	Chlorobenzene	0.784	0.689	12.1	101	0.00
58 T	Ethyl Benzene	1.338	1.220	8.8	101	0.00
59 T	m/p-Xylene	1.158	1.041	10.1	100	0.00
60 T	o-Xylene	1.093	0.967	11.5	100	0.00
61 T	Styrene	0.531	0.519	2.3	99	0.00
62	Isopropylbenzene	1.687	1.482	12.2	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.861	0.698	18.9	101	0.00
64	n-propylbenzene	0.440	0.389	11.6	99	0.00
65	tert-Butylbenzene	1.502	1.318	12.3	101	0.00
66 T	Benzyl Chloride	0.099	0.094	5.1	103	0.00
67	sec-Butylbenzene	2.125	1.859	12.5	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.753	-0.4	99	0.00
69	p-Isopropyltoluene	1.755	1.559	11.2	100	0.00
70	n-Butylbenzene	1.794	1.623	9.5	100	0.00
71	2-Chlorotoluene	1.253	1.128	10.0	101	0.00
72 T	4-Ethyltoluene	1.302	1.195	8.2	102	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.021	8.3	99	0.00
74 T	1,2,4-Trimethylbenzene	1.255	1.134	9.6	99	0.00
75 T	1,3-Dichlorobenzene	0.745	0.686	7.9	102	0.00
76 T	1,4-Dichlorobenzene	0.742	0.666	10.2	100	0.00
77 T	1,2-Dichlorobenzene	0.759	0.669	11.9	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.552	0.457	17.2	106	0.00
79 T	Naphthalene	0.675	0.851	-26.1	105	0.00
80 T	Naphthalene,2-methyl-	0.002	0.007#	-250.0#	318#	0.02
81 T	1,2,4-Trichlorobenzene	0.417	0.458	-9.8	106	0.00

(#) = Out of Range

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