

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042436.D
 Acq On : 29 Apr 2025 08:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 30 01:15:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 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	91	0.00
2 T	Dichlorodifluoromethane	1.767	2.050	-16.0	113	0.00
3	Chlorodifluoromethane	1.682	1.641	2.4	95	0.00
4	Chloromethane	0.699	0.788	-12.7	110	0.00
5 T	Vinyl Chloride	0.761	0.756	0.7	108	0.00
6 T	Bromomethane	0.327	0.358	-9.5	108	0.00
7	Chloroethane	0.275	0.307	-11.6	111	0.00
8 T	Dichlorotetrafluoroethane	1.517	1.746	-15.1	111	0.00
9 T	Propene	0.766	0.604	21.1	80	0.00
10 T	Heptane	2.153	1.613	25.1	78	0.00
11 T	Trichlorofluoromethane	1.680	1.990	-18.5	116	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.374	1.502	-9.3	107	0.00
13	Ethanol	0.122	0.038#	68.9#	98	0.00
14 T	Bromoethene	0.518	0.555	-7.1	103	0.00
15 T	Acetone	1.637	1.614	1.4	117	0.00
16 T	1,3-Butadiene	0.783	0.776	0.9	109	0.00
17	tert-Butyl alcohol	2.029	2.005	1.2	101	0.00
18 T	1,1-Dichloroethene	0.642	0.659	-2.6	103	0.00
19 T	Isopropyl Alcohol	0.909	0.890	2.1	99	0.00
20 T	Methylene Chloride	0.641	0.587	8.4	108	0.00
21 T	Allyl Chloride	1.130	1.151	-1.9	108	0.00
22 T	trans-1,2-Dichloroethene	0.731	0.756	-3.4	104	0.00
23 T	Vinyl Acetate	0.663	0.538	18.9	88	0.00
24 T	1,1-Dichloroethane	1.388	1.506	-8.5	107	0.00
25 T	Ethyl Acetate	4.036	3.568	11.6	89	0.00
26 T	Hexane	1.633	1.343	17.8	86	0.00
27 T	Carbon Disulfide	1.749	1.858	-6.2	102	0.00
28 T	Methyl tert-Butyl Ether	1.070	0.996	6.9	97	0.00
29 T	Chloroform	2.309	2.540	-10.0	108	0.00
30 T	Cyclohexane	1.320	1.140	13.6	83	0.00
31 T	cis-1,2-Dichloroethene	1.553	1.525	1.8	95	0.00
32 T	1,1,1-Trichloroethane	2.599	2.727	-4.9	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
34 T	2-Butanone	0.791	0.745	5.8	92	0.00
35 T	Carbon Tetrachloride	0.905	1.017	-12.4	112	0.00
36 T	Benzene	1.079	1.010	6.4	86	0.00
37 T	1,2-Dichloroethane	0.647	0.786	-21.5	113	0.00
38 T	Trichloroethene	0.471	0.398	15.5	86	0.00
39 T	1,2-Dichloropropane	0.402	0.354	11.9	81	0.00
40 T	1,4-Dioxane	0.221	0.175	20.8	82	0.00
41 T	Tetrahydrofuran	0.461	0.391	15.2	81	0.00
42 T	Bromodichloromethane	0.901	1.002	-11.2	100	0.00
43	Methyl Methacrylate	0.486	0.407	16.3	80	0.00
44 T	2,2,4-Trimethylpentane	1.863	1.678	9.9	83	0.00
45 T	t-1,3-Dichloropropene	0.497	0.448	9.9	83	0.00
46 T	cis-1,3-Dichloropropene	0.608	0.544	10.5	81	-0.01
47 T	1,1,2-Trichloroethane	0.410	0.415	-1.2	94	0.00
48 T	Dibromochloromethane	0.723	0.748	-3.5	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.633	0.607	4.1	84	0.00
50 T	4-Methyl-2-Pentanone	1.314	1.047	20.3	82	0.00
51 T	2-Hexanone	1.179	0.867	26.5	83	0.00
52 T	Tetrachloroethene	0.417	0.327	21.6	78	0.00
53 T	Toluene	1.294	1.161	10.3	83	0.00
54 T	1,2-Dibromoethane	0.586	0.578	1.4	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
56	1,1,1,2-Tetrachloroethane	0.605	0.677	-11.9	98	0.00
57 T	Chlorobenzene	1.040	1.049	-0.9	88	0.00
58 T	Ethyl Benzene	1.981	1.988	-0.4	87	0.00
59 T	m/p-Xylene	1.596	1.685	-5.6	92	-0.02
60 T	o-Xylene	1.607	1.718	-6.9	95	0.00
61 T	Styrene	0.767	0.725	5.5	80	0.00
62	Isopropylbenzene	2.360	2.491	-5.6	92	0.00
63 T	1,1,2,2-Tetrachloroethane	1.042	1.010	3.1	92	0.00
64	n-propylbenzene	0.593	0.595	-0.3	88	0.00
65	tert-Butylbenzene	2.169	2.285	-5.3	96	0.00
66 T	Benzyl Chloride	0.238	0.185	22.3	60	0.00
67	sec-Butylbenzene	3.017	3.221	-6.8	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.938	-14.1	90	0.00
69	p-Isopropyltoluene	2.621	2.737	-4.4	95	0.00
70	n-Butylbenzene	2.730	2.918	-6.9	98	0.00
71	2-Chlorotoluene	1.851	1.956	-5.7	92	0.00
72 T	4-Ethyltoluene	1.965	2.072	-5.4	94	0.00
73 T	1,3,5-Trimethylbenzene	1.735	1.830	-5.5	96	0.00
74 T	1,2,4-Trimethylbenzene	2.026	2.052	-1.3	98	0.00
75 T	1,3-Dichlorobenzene	1.053	1.056	-0.3	89	0.00
76 T	1,4-Dichlorobenzene	1.059	1.081	-2.1	91	0.00
77 T	1,2-Dichlorobenzene	1.024	1.051	-2.6	93	0.00
78 T	Hexachloro-1,3-Butadiene	1.034	0.976	5.6	90	0.00
79 T	Naphthalene	2.423	2.279	5.9	91	0.00
80 T	Naphthalene,2-methyl-	1.381	1.173	15.1	84	0.00
81 T	1,2,4-Trichlorobenzene	1.040	0.974	6.3	86	0.00

(#) = Out of Range

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