

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042416.D
 Acq On : 28 Apr 2025 08:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 29 01:31:14 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	97	0.00
2 T	Dichlorodifluoromethane	1.767	1.796	-1.6	105	0.00
3	Chlorodifluoromethane	1.682	1.575	6.4	97	0.00
4	Chloromethane	0.699	0.698	0.1	104	0.00
5 T	Vinyl Chloride	0.761	0.679	10.8	103	0.00
6 T	Bromomethane	0.327	0.307	6.1	98	0.00
7	Chloroethane	0.275	0.264	4.0	102	0.00
8 T	Dichlorotetrafluoroethane	1.517	1.551	-2.2	105	0.00
9 T	Propene	0.766	0.623	18.7	88	0.00
10 T	Heptane	2.153	1.687	21.6	87	0.00
11 T	Trichlorofluoromethane	1.680	1.728	-2.9	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.374	1.337	2.7	102	0.00
13	Ethanol	0.122	0.038#	68.9#	104	0.00
14 T	Bromoethene	0.518	0.518	0.0	103	0.00
15 T	Acetone	1.637	1.412	13.7	109	0.00
16 T	1,3-Butadiene	0.783	0.695	11.2	104	0.00
17	tert-Butyl alcohol	2.029	1.859	8.4	100	0.00
18 T	1,1-Dichloroethene	0.642	0.605	5.8	101	0.00
19 T	Isopropyl Alcohol	0.909	0.828	8.9	98	0.00
20 T	Methylene Chloride	0.641	0.512	20.1	100	0.00
21 T	Allyl Chloride	1.130	1.026	9.2	103	0.00
22 T	trans-1,2-Dichloroethene	0.731	0.669	8.5	98	0.00
23 T	Vinyl Acetate	0.663	0.532	19.8	93	0.00
24 T	1,1-Dichloroethane	1.388	1.337	3.7	101	0.00
25 T	Ethyl Acetate	4.036	3.485	13.7	92	0.00
26 T	Hexane	1.633	1.367	16.3	93	0.00
27 T	Carbon Disulfide	1.749	1.685	3.7	98	0.00
28 T	Methyl tert-Butyl Ether	1.070	0.955	10.7	99	0.00
29 T	Chloroform	2.309	2.303	0.3	104	0.00
30 T	Cyclohexane	1.320	1.168	11.5	91	0.00
31 T	cis-1,2-Dichloroethene	1.553	1.488	4.2	99	0.00
32 T	1,1,1-Trichloroethane	2.599	2.470	5.0	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.791	0.699	11.6	96	0.00
35 T	Carbon Tetrachloride	0.905	0.885	2.2	108	0.00
36 T	Benzene	1.079	0.982	9.0	92	0.00
37 T	1,2-Dichloroethane	0.647	0.684	-5.7	109	0.00
38 T	Trichloroethene	0.471	0.396	15.9	94	0.00
39 T	1,2-Dichloropropane	0.402	0.354	11.9	90	0.00
40 T	1,4-Dioxane	0.221	0.171	22.6	88	0.00
41 T	Tetrahydrofuran	0.461	0.386	16.3	89	0.00
42 T	Bromodichloromethane	0.901	0.901	0.0	100	0.00
43	Methyl Methacrylate	0.486	0.400	17.7	88	0.00
44 T	2,2,4-Trimethylpentane	1.863	1.630	12.5	90	0.00
45 T	t-1,3-Dichloropropene	0.497	0.456	8.2	93	0.00
46 T	cis-1,3-Dichloropropene	0.608	0.554	8.9	92	0.00
47 T	1,1,2-Trichloroethane	0.410	0.388	5.4	97	0.00
48 T	Dibromochloromethane	0.723	0.711	1.7	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.633	0.577	8.8	88	0.00
50 T	4-Methyl-2-Pentanone	1.314	1.032	21.5	90	0.00
51 T	2-Hexanone	1.179	0.832	29.4	88	0.00
52 T	Tetrachloroethene	0.417	0.331	20.6	87	0.00
53 T	Toluene	1.294	1.154	10.8	91	0.00
54 T	1,2-Dibromoethane	0.586	0.550	6.1	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.605	0.603	0.3	99	0.00
57 T	Chlorobenzene	1.040	0.985	5.3	93	0.00
58 T	Ethyl Benzene	1.981	1.861	6.1	92	0.00
59 T	m/p-Xylene	1.596	1.522	4.6	94	0.00
60 T	o-Xylene	1.607	1.528	4.9	96	0.00
61 T	Styrene	0.767	0.698	9.0	87	0.00
62	Isopropylbenzene	2.360	2.230	5.5	93	0.00
63 T	1,1,2,2-Tetrachloroethane	1.042	0.900	13.6	93	0.00
64	n-propylbenzene	0.593	0.547	7.8	91	0.00
65	tert-Butylbenzene	2.169	1.999	7.8	95	0.00
66 T	Benzyl Chloride	0.238	0.194	18.5	71	0.00
67	sec-Butylbenzene	3.017	2.798	7.3	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.866	-5.4	94	0.00
69	p-Isopropyltoluene	2.621	2.399	8.5	94	0.00
70	n-Butylbenzene	2.730	2.508	8.1	96	0.00
71	2-Chlorotoluene	1.851	1.752	5.3	93	0.00
72 T	4-Ethyltoluene	1.965	1.823	7.2	93	0.00
73 T	1,3,5-Trimethylbenzene	1.735	1.596	8.0	95	0.00
74 T	1,2,4-Trimethylbenzene	2.026	1.775	12.4	96	0.00
75 T	1,3-Dichlorobenzene	1.053	0.941	10.6	90	0.00
76 T	1,4-Dichlorobenzene	1.059	0.952	10.1	91	0.00
77 T	1,2-Dichlorobenzene	1.024	0.917	10.4	92	0.00
78 T	Hexachloro-1,3-Butadiene	1.034	0.871	15.8	91	0.00
79 T	Naphthalene	2.423	2.040	15.8	92	0.00
80 T	Naphthalene,2-methyl-	1.381	1.075	22.2	87	0.00
81 T	1,2,4-Trichlorobenzene	1.040	0.884	15.0	88	0.00

(#) = Out of Range

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