

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042383.D
 Acq On : 18 Apr 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 18 22:55:20 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	108	0.00
2 T	Dichlorodifluoromethane	1.767	1.674	5.3	109	0.00
3	Chlorodifluoromethane	1.682	1.437	14.6	99	0.00
4	Chloromethane	0.699	0.624	10.7	104	0.00
5 T	Vinyl Chloride	0.761	0.609	20.0	103	0.00
6 T	Bromomethane	0.327	0.291	11.0	104	0.00
7	Chloroethane	0.275	0.243	11.6	104	0.00
8 T	Dichlorotetrafluoroethane	1.517	1.422	6.3	108	0.00
9 T	Propene	0.766	0.585	23.6	92	0.00
10 T	Heptane	2.153	1.559	27.6	90	0.00
11 T	Trichlorofluoromethane	1.680	1.623	3.4	112	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.374	1.258	8.4	106	0.00
13	Ethanol	0.122	0.032#	73.8#	97	0.00
14 T	Bromoethene	0.518	0.489	5.6	108	0.00
15 T	Acetone	1.637	1.266	22.7	109	0.00
16 T	1,3-Butadiene	0.783	0.622	20.6	104	0.00
17	tert-Butyl alcohol	2.029	1.695	16.5	102	0.00
18 T	1,1-Dichloroethene	0.642	0.585	8.9	109	0.00
19 T	Isopropyl Alcohol	0.909	0.746	17.9	98	0.00
20 T	Methylene Chloride	0.641	0.484	24.5	106	0.00
21 T	Allyl Chloride	1.130	0.934	17.3	104	0.00
22 T	trans-1,2-Dichloroethene	0.731	0.653	10.7	107	0.00
23 T	Vinyl Acetate	0.663	0.472	28.8	92	0.00
24 T	1,1-Dichloroethane	1.388	1.276	8.1	108	0.00
25 T	Ethyl Acetate	4.036	3.247	19.5	96	0.00
26 T	Hexane	1.633	1.305	20.1	99	0.00
27 T	Carbon Disulfide	1.749	1.542	11.8	100	0.00
28 T	Methyl tert-Butyl Ether	1.070	0.901	15.8	104	0.00
29 T	Chloroform	2.309	2.183	5.5	110	0.00
30 T	Cyclohexane	1.320	1.145	13.3	99	0.00
31 T	cis-1,2-Dichloroethene	1.553	1.398	10.0	104	0.00
32 T	1,1,1-Trichloroethane	2.599	2.364	9.0	113	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
34 T	2-Butanone	0.791	0.583	26.3	99	0.00
35 T	Carbon Tetrachloride	0.905	0.787	13.0	119	0.00
36 T	Benzene	1.079	0.846	21.6	98	0.00
37 T	1,2-Dichloroethane	0.647	0.559	13.6	110	0.00
38 T	Trichloroethene	0.471	0.375	20.4	111	0.00
39 T	1,2-Dichloropropane	0.402	0.300	25.4	95	0.00
40 T	1,4-Dioxane	0.221	0.154	30.3#	99	0.00
41 T	Tetrahydrofuran	0.461	0.322	30.2#	92	0.00
42 T	Bromodichloromethane	0.901	0.778	13.7	106	0.00
43	Methyl Methacrylate	0.486	0.345	29.0	94	0.00
44 T	2,2,4-Trimethylpentane	1.863	1.374	26.2	94	-0.01
45 T	t-1,3-Dichloropropene	0.497	0.385	22.5	98	-0.01
46 T	cis-1,3-Dichloropropene	0.608	0.470	22.7	96	0.00
47 T	1,1,2-Trichloroethane	0.410	0.336	18.0	104	0.00
48 T	Dibromochloromethane	0.723	0.646	10.7	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.633	0.575	9.2	109	0.00
50 T	4-Methyl-2-Pentanone	1.314	0.854	35.0#	92	0.00
51 T	2-Hexanone	1.179	0.692	41.3#	90	0.00
52 T	Tetrachloroethene	0.417	0.323	22.5	106	0.00
53 T	Toluene	1.294	1.021	21.1	100	0.00
54 T	1,2-Dibromoethane	0.586	0.489	16.6	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.605	0.547	9.6	112	0.00
57 T	Chlorobenzene	1.040	0.896	13.8	105	0.00
58 T	Ethyl Benzene	1.981	1.636	17.4	100	0.00
59 T	m/p-Xylene	1.596	1.335	16.4	103	0.00
60 T	o-Xylene	1.607	1.332	17.1	104	0.00
61 T	Styrene	0.767	0.633	17.5	98	0.00
62	Isopropylbenzene	2.360	1.987	15.8	103	0.00
63 T	1,1,2,2-Tetrachloroethane	1.042	0.783	24.9	101	0.00
64	n-propylbenzene	0.593	0.506	14.7	105	0.00
65	tert-Butylbenzene	2.169	1.815	16.3	107	0.00
66 T	Benzyl Chloride	0.238	0.159	33.2#	72	0.00
67	sec-Butylbenzene	3.017	2.502	17.1	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.815	0.9	110	0.00
69	p-Isopropyltoluene	2.621	2.179	16.9	106	0.00
70	n-Butylbenzene	2.730	2.195	19.6	104	0.00
71	2-Chlorotoluene	1.851	1.537	17.0	102	0.00
72 T	4-Ethyltoluene	1.965	1.622	17.5	103	0.00
73 T	1,3,5-Trimethylbenzene	1.735	1.426	17.8	105	0.00
74 T	1,2,4-Trimethylbenzene	2.026	1.579	22.1	106	0.00
75 T	1,3-Dichlorobenzene	1.053	0.910	13.6	108	0.00
76 T	1,4-Dichlorobenzene	1.059	0.897	15.3	107	0.00
77 T	1,2-Dichlorobenzene	1.024	0.896	12.5	111	0.00
78 T	Hexachloro-1,3-Butadiene	1.034	0.937	9.4	122	0.00
79 T	Naphthalene	2.423	1.910	21.2	107	0.00
80 T	Naphthalene,2-methyl-	1.381	1.045	24.3	105	0.00
81 T	1,2,4-Trichlorobenzene	1.040	0.909	12.6	113	0.00

(#) = Out of Range

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