

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042253.D
 Acq On : 08 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 09 01:50:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	103	0.02
2 T	Dichlorodifluoromethane	10.000	9.608	3.9	104	0.00
3	Chlorodifluoromethane	10.000	9.985	0.2	107	0.00
4	Chloromethane	10.000	9.729	2.7	106	0.00
5 T	Vinyl Chloride	10.000	8.637	13.6	104	0.00
6 T	Bromomethane	10.000	9.087	9.1	100	0.00
7	Chloroethane	10.000	9.215	7.9	101	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.554	4.5	102	0.00
9 T	Propene	10.000	8.104	19.0	88	0.00
10 T	Heptane	10.000	9.441	5.6	100	0.04
11 T	Trichlorofluoromethane	10.000	9.518	4.8	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.967	10.3	97	0.01
13	Ethanol	10.000	4.686	53.1#	111	0.00
14 T	Bromoethene	10.000	8.438	15.6	94	0.01
15 T	Acetone	10.000	8.677	13.2	112	0.00
16 T	1,3-Butadiene	10.000	8.637	13.6	106	0.00
17	tert-Butyl alcohol	10.000	7.865	21.3	87	0.01
18 T	1,1-Dichloroethene	10.000	8.414	15.9	95	0.01
19 T	Isopropyl Alcohol	10.000	8.653	13.5	100	0.00
20 T	Methylene Chloride	10.000	7.825	21.7	96	0.01
21 T	Allyl Chloride	10.000	8.590	14.1	97	0.02
22 T	trans-1,2-Dichloroethene	10.000	8.643	13.6	96	0.02
23 T	Vinyl Acetate	10.000	8.313	16.9	104	0.02
24 T	1,1-Dichloroethane	10.000	9.422	5.8	102	0.02
25 T	Ethyl Acetate	10.000	9.704	3.0	105	0.02
26 T	Hexane	10.000	9.529	4.7	103	0.02
27 T	Carbon Disulfide	10.000	8.762	12.4	95	0.01
28 T	Methyl tert-Butyl Ether	10.000	8.078	19.2	87	0.02
29 T	Chloroform	10.000	10.306	-3.1	113	0.02
30 T	Cyclohexane	10.000	8.831	11.7	95	0.03
31 T	cis-1,2-Dichloroethene	10.000	9.098	9.0	97	0.02
32 T	1,1,1-Trichloroethane	10.000	8.915	10.9	105	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	91	0.03
34 T	2-Butanone	10.000	10.443	-4.4	103	0.02
35 T	Carbon Tetrachloride	10.000	10.934	-9.3	111	0.03
36 T	Benzene	10.000	10.467	-4.7	101	0.03
37 T	1,2-Dichloroethane	10.000	11.119	-11.2	107	0.02
38 T	Trichloroethene	10.000	10.032	-0.3	101	0.03
39 T	1,2-Dichloropropane	10.000	10.501	-5.0	103	0.03
40 T	1,4-Dioxane	10.000	9.409	5.9	97	0.04
41 T	Tetrahydrofuran	10.000	10.073	-0.7	96	0.02
42 T	Bromodichloromethane	10.000	11.230	-12.3	104	0.03
43	Methyl Methacrylate	10.000	9.288	7.1	88	0.04
44 T	2,2,4-Trimethylpentane	10.000	10.687	-6.9	101	0.03
45 T	t-1,3-Dichloropropene	10.000	8.273	17.3	77	0.05
46 T	cis-1,3-Dichloropropene	10.000	8.880	11.2	81	0.04
47 T	1,1,2-Trichloroethane	10.000	11.011	-10.1	105	0.04
48 T	Dibromochloromethane	10.000	10.783	-7.8	100	0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	10.395	-3.9	94	0.03
50 T	4-Methyl-2-Pentanone	10.000	9.519	4.8	97	0.04
51 T	2-Hexanone	10.000	9.266	7.3	94	0.03
52 T	Tetrachloroethene	10.000	8.862	11.4	93	0.03
53 T	Toluene	10.000	9.853	1.5	94	0.04
54 T	1,2-Dibromoethane	10.000	10.659	-6.6	102	0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	86	0.03
56	1,1,1,2-Tetrachloroethane	10.000	11.647	-16.5	108	0.03
57 T	Chlorobenzene	10.000	11.411	-14.1	106	0.03
58 T	Ethyl Benzene	10.000	10.479	-4.8	96	0.03
59 T	m/p-Xylene	20.000	22.266	-11.3	103	0.02
60 T	o-Xylene	10.000	10.958	-9.6	101	0.02
61 T	Styrene	10.000	9.965	0.4	88	0.03
62	Isopropylbenzene	10.000	10.988	-9.9	102	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	11.938	-19.4	112	0.02
64	n-propylbenzene	10.000	11.439	-14.4	108	0.02
65	tert-Butylbenzene	10.000	10.755	-7.6	105	0.02
66 T	Benzyl Chloride	10.000	6.992	30.1#	62	0.02
67	sec-Butylbenzene	10.000	10.994	-9.9	108	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	9.991	0.1	87	0.02
69	p-Isopropyltoluene	10.000	10.882	-8.8	106	0.02
70	n-Butylbenzene	10.000	11.103	-11.0	108	0.02
71	2-Chlorotoluene	10.000	10.935	-9.4	101	0.02
72 T	4-Ethyltoluene	10.000	11.190	-11.9	105	0.02
73 T	1,3,5-Trimethylbenzene	10.000	11.080	-10.8	106	0.02
74 T	1,2,4-Trimethylbenzene	10.000	10.660	-6.6	108	0.02
75 T	1,3-Dichlorobenzene	10.000	11.584	-15.8	110	0.02
76 T	1,4-Dichlorobenzene	10.000	11.634	-16.3	110	0.02
77 T	1,2-Dichlorobenzene	10.000	11.837	-18.4	114	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	9.223	7.8	96	0.02
79 T	Naphthalene	10.000	11.108	-11.1	103	0.02
80 T	Naphthalene,2-methyl-	10.000	10.723	-7.2	89	0.02
81 T	1,2,4-Trichlorobenzene	10.000	10.592	-5.9	95	0.02

(#) = Out of Range

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