

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041634.D
 Acq On : 10 Oct 2024 9:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 11 05:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	10.000	7.008	29.9	75	0.00
3	Chlorodifluoromethane	10.000	9.524	4.8	101	0.00
4	Chloromethane	10.000	9.567	4.3	101	0.00
5 T	Vinyl Chloride	10.000	10.728	-7.3	102	0.00
6 T	Bromomethane	10.000	10.042	-0.4	102	0.00
7	Chloroethane	10.000	9.836	1.6	100	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.786	2.1	101	0.00
9 T	Propene	10.000	10.487	-4.9	101	0.00
10 T	Heptane	10.000	11.180	-11.8	102	0.00
11 T	Trichlorofluoromethane	10.000	9.595	4.0	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.064	-0.6	104	0.00
13	Ethanol	10.000	4.727	52.7#	74	0.00
14 T	Bromoethene	10.000	10.506	-5.1	101	0.00
15 T	Acetone	10.000	8.913	10.9	105	0.00
16 T	1,3-Butadiene	10.000	9.917	0.8	101	0.00
17	tert-Butyl alcohol	10.000	9.668	3.3	95	0.00
18 T	1,1-Dichloroethene	10.000	10.484	-4.8	100	0.00
19 T	Isopropyl Alcohol	10.000	8.575	14.3	85	0.00
20 T	Methylene Chloride	10.000	8.818	11.8	104	0.00
21 T	Allyl Chloride	10.000	10.654	-6.5	102	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.876	-8.8	107	0.00
23 T	Vinyl Acetate	10.000	11.715	-17.1	113	0.00
24 T	1,1-Dichloroethane	10.000	10.438	-4.4	106	0.00
25 T	Ethyl Acetate	10.000	10.659	-6.6	102	0.00
26 T	Hexane	10.000	10.351	-3.5	102	0.00
27 T	Carbon Disulfide	10.000	12.023	-20.2	105	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.946	-9.5	110	0.00
29 T	Chloroform	10.000	9.878	1.2	101	0.00
30 T	Cyclohexane	10.000	11.407	-14.1	102	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.464	-4.6	100	0.00
32 T	1,1,1-Trichloroethane	10.000	10.966	-9.7	101	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	96	0.01
34 T	2-Butanone	10.000	9.523	4.8	92	0.00
35 T	Carbon Tetrachloride	10.000	11.549	-15.5	100	0.00
36 T	Benzene	10.000	10.988	-9.9	102	0.00
37 T	1,2-Dichloroethane	10.000	10.486	-4.9	101	0.00
38 T	Trichloroethene	10.000	11.185	-11.9	101	0.01
39 T	1,2-Dichloropropane	10.000	10.366	-3.7	102	0.01
40 T	1,4-Dioxane	10.000	11.128	-11.3	100	0.00
41 T	Tetrahydrofuran	10.000	11.848	-18.5	103	0.00
42 T	Bromodichloromethane	10.000	10.878	-8.8	102	0.00
43	Methyl Methacrylate	10.000	11.923	-19.2	101	0.01
44 T	2,2,4-Trimethylpentane	10.000	10.705	-7.1	102	0.00
45 T	t-1,3-Dichloropropene	10.000	13.272	-32.7#	103	0.00
46 T	cis-1,3-Dichloropropene	10.000	12.758	-27.6	101	0.00
47 T	1,1,2-Trichloroethane	10.000	10.537	-5.4	101	0.02
48 T	Dibromochloromethane	10.000	11.414	-14.1	101	0.01

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

49 T	Bromoform	10.000	11.672	-16.7	101	0.01
50 T	4-Methyl-2-Pentanone	10.000	11.527	-15.3	102	0.01
51 T	2-Hexanone	10.000	12.044	-20.4	102	0.01
52 T	Tetrachloroethene	10.000	11.244	-12.4	101	0.02
53 T	Toluene	10.000	11.957	-19.6	101	0.00
54 T	1,2-Dibromoethane	10.000	11.553	-15.5	100	0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.298	-3.0	102	0.00
57 T	Chlorobenzene	10.000	9.965	0.4	100	0.01
58 T	Ethyl Benzene	10.000	11.535	-15.4	101	0.01
59 T	m/p-Xylene	20.000	21.956	-9.8	100	0.01
60 T	o-Xylene	10.000	11.105	-11.1	101	0.02
61 T	Styrene	10.000	12.917	-29.2	101	0.01
62	Isopropylbenzene	10.000	10.549	-5.5	100	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	10.346	-3.5	101	0.01
64	n-propylbenzene	10.000	10.947	-9.5	100	0.00
65	tert-Butylbenzene	10.000	10.362	-3.6	100	0.02
66 T	Benzyl Chloride	10.000	11.975	-19.7	113	0.00
67	sec-Butylbenzene	10.000	10.515	-5.2	100	0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	9.959	0.4	94	0.02
69	p-Isopropyltoluene	10.000	10.771	-7.7	99	0.01
70	n-Butylbenzene	10.000	10.625	-6.3	100	0.01
71	2-Chlorotoluene	10.000	10.853	-8.5	101	0.02
72 T	4-Ethyltoluene	10.000	11.243	-12.4	100	0.01
73 T	1,3,5-Trimethylbenzene	10.000	10.930	-9.3	100	0.02
74 T	1,2,4-Trimethylbenzene	10.000	10.427	-4.3	101	0.01
75 T	1,3-Dichlorobenzene	10.000	10.152	-1.5	99	0.02
76 T	1,4-Dichlorobenzene	10.000	10.296	-3.0	99	0.01
77 T	1,2-Dichlorobenzene	10.000	10.004	-0.0	99	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.606	13.9	94	0.01
79 T	Naphthalene	10.000	11.841	-18.4	89	0.02
80 T	Naphthalene,2-methyl-	10.000	7.430	25.7	54	0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.672	3.3	88	0.02

(#) = Out of Range

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