

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038713.D
 Acq On : 23 Mar 2022 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 23 11:41:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 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	76	-0.01
2 T	Dichlorodifluoromethane	10.000	9.446	5.5	84	0.00
3	Chlorodifluoromethane	10.000	9.764	2.4	80	0.00
4	Chloromethane	10.000	9.413	5.9	76	0.00
5 T	Vinyl Chloride	10.000	9.610	3.9	82	0.00
6 T	Bromomethane	10.000	10.888	-8.9	86	0.00
7	Chloroethane	10.000	10.018	-0.2	79	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.173	-1.7	82	0.00
9 T	Propene	10.000	8.837	11.6	73	0.00
10 T	Heptane	10.000	9.876	1.2	74	-0.01
11 T	Trichlorofluoromethane	10.000	10.886	-8.9	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.828	-8.3	85	0.00
13	Ethanol	10.000	5.384	46.2#	54	0.00
14 T	Bromoethene	10.000	10.706	-7.1	85	0.00
15 T	Acetone	10.000	10.181	-1.8	85	0.00
16 T	1,3-Butadiene	10.000	10.066	-0.7	80	0.00
17	tert-Butyl alcohol	10.000	12.240	-22.4	93	0.00
18 T	1,1-Dichloroethene	10.000	11.034	-10.3	87	0.00
19 T	Isopropyl Alcohol	10.000	9.802	2.0	76	0.00
20 T	Methylene Chloride	10.000	9.931	0.7	84	0.00
21 T	Allyl Chloride	10.000	10.659	-6.6	82	0.00
22 T	trans-1,2-Dichloroethene	10.000	11.244	-12.4	85	0.00
23 T	Vinyl Acetate	10.000	7.844	21.6	57	0.00
24 T	1,1-Dichloroethane	10.000	10.656	-6.6	82	0.00
25 T	Ethyl Acetate	10.000	10.998	-10.0	86	-0.01
26 T	Hexane	10.000	9.602	4.0	76	0.00
27 T	Carbon Disulfide	10.000	11.580	-15.8	82	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.157	-11.6	86	0.00
29 T	Chloroform	10.000	10.027	-0.3	80	-0.01
30 T	Cyclohexane	10.000	9.762	2.4	76	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.237	-2.4	78	-0.01
32 T	1,1,1-Trichloroethane	10.000	10.162	-1.6	81	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	77	-0.01
34 T	2-Butanone	10.000	9.655	3.5	82	0.00
35 T	Carbon Tetrachloride	10.000	10.348	-3.5	81	-0.01
36 T	Benzene	10.000	9.755	2.4	76	-0.01
37 T	1,2-Dichloroethane	10.000	10.330	-3.3	81	-0.01
38 T	Trichloroethene	10.000	9.715	2.9	75	-0.01
39 T	1,2-Dichloropropane	10.000	9.468	5.3	74	0.00
40 T	1,4-Dioxane	10.000	8.663	13.4	65	0.00
41 T	Tetrahydrofuran	10.000	9.669	3.3	73	-0.01
42 T	Bromodichloromethane	10.000	10.548	-5.5	79	-0.02
43	Methyl Methacrylate	10.000	11.125	-11.3	80	-0.01
44 T	2,2,4-Trimethylpentane	10.000	9.557	4.4	76	-0.01
45 T	t-1,3-Dichloropropene	10.000	11.855	-18.6	79	-0.02
46 T	cis-1,3-Dichloropropene	10.000	10.945	-9.5	76	-0.01
47 T	1,1,2-Trichloroethane	10.000	9.812	1.9	77	0.00
48 T	Dibromochloromethane	10.000	10.940	-9.4	78	0.00

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

49 T	Bromoform	10.000	11.163	-11.6	78	-0.01
50 T	4-Methyl-2-Pentanone	10.000	10.045	-0.4	74	-0.01
51 T	2-Hexanone	10.000	10.870	-8.7	74	-0.01
52 T	Tetrachloroethene	10.000	9.623	3.8	76	-0.01
53 T	Toluene	10.000	10.435	-4.4	77	-0.01
54 T	1,2-Dibromoethane	10.000	10.754	-7.5	79	-0.01

55 I	Chlorobenzene-d5	10.000	10.000	0.0	79	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	10.152	-1.5	84	-0.02
57 T	Chlorobenzene	10.000	9.409	5.9	79	-0.01
58 T	Ethyl Benzene	10.000	10.093	-0.9	77	-0.01
59 T	m/p-Xylene	20.000	19.696	1.5	78	-0.02
60 T	o-Xylene	10.000	10.027	-0.3	79	-0.01
61 T	Styrene	10.000	11.034	-10.3	76	-0.01
62	Isopropylbenzene	10.000	10.311	-3.1	82	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	9.142	8.6	82	-0.02
64	n-propylbenzene	10.000	10.542	-5.4	82	-0.01
65	tert-Butylbenzene	10.000	10.176	-1.8	83	-0.01
66 T	Benzyl Chloride	10.000	11.266	-12.7	71	-0.02
67	sec-Butylbenzene	10.000	10.284	-2.8	83	-0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.048	-0.5	76	-0.02
69	p-Isopropyltoluene	10.000	10.349	-3.5	82	-0.01
70	n-Butylbenzene	10.000	10.343	-3.4	80	0.00
71	2-Chlorotoluene	10.000	10.289	-2.9	81	-0.01
72 T	4-Ethyltoluene	10.000	10.395	-3.9	79	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.894	1.1	78	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.747	2.5	78	-0.01
75 T	1,3-Dichlorobenzene	10.000	9.424	5.8	77	-0.01
76 T	1,4-Dichlorobenzene	10.000	9.315	6.9	74	-0.01
77 T	1,2-Dichlorobenzene	10.000	9.249	7.5	76	-0.01
78 T	Hexachloro-1,3-Butadiene	10.000	7.343	26.6	68	-0.01
79 T	Naphthalene	10.000	10.133	-1.3	66	-0.02
80 T	Naphthalene,2-methyl-	10.000	8.956	10.4	58	0.00
81 T	1,2,4-Trichlorobenzene	10.000	8.415	15.9	64	-0.01

(#) = Out of Range

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