

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037976.D
 Acq On : 2 Nov 2021 21:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 03 03:50:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 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	85	0.00
2 T	Dichlorodifluoromethane	10.000	9.179	8.2	82	0.00
3	Chlorodifluoromethane	10.000	9.584	4.2	91	0.00
4	Chloromethane	10.000	9.438	5.6	89	0.00
5 T	Vinyl Chloride	10.000	10.056	-0.6	91	0.00
6 T	Bromomethane	10.000	9.503	5.0	85	0.00
7	Chloroethane	10.000	9.514	4.9	89	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.455	5.4	90	0.00
9 T	Propene	10.000	9.410	5.9	91	0.00
10 T	Heptane	10.000	10.500	-5.0	90	0.00
11 T	Trichlorofluoromethane	10.000	9.839	1.6	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.880	1.2	90	-0.01
13	Ethanol	10.000	10.211	-2.1	96	-0.01
14 T	Bromoethene	10.000	9.902	1.0	90	0.00
15 T	Acetone	10.000	9.599	4.0	95	0.00
16 T	1,3-Butadiene	10.000	9.902	1.0	89	0.00
17	tert-Butyl alcohol	10.000	10.660	-6.6	98	0.00
18 T	1,1-Dichloroethene	10.000	9.741	2.6	91	-0.01
19 T	Isopropyl Alcohol	10.000	10.146	-1.5	91	0.00
20 T	Methylene Chloride	10.000	9.047	9.5	90	-0.01
21 T	Allyl Chloride	10.000	10.351	-3.5	93	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.086	-0.9	92	-0.01
23 T	Vinyl Acetate	10.000	9.791	2.1	90	-0.01
24 T	1,1-Dichloroethane	10.000	9.764	2.4	90	-0.01
25 T	Ethyl Acetate	10.000	10.371	-3.7	93	0.00
26 T	Hexane	10.000	10.262	-2.6	92	0.00
27 T	Carbon Disulfide	10.000	10.893	-8.9	89	-0.01
28 T	Methyl tert-Butyl Ether	10.000	10.257	-2.6	93	0.00
29 T	Chloroform	10.000	9.489	5.1	88	0.00
30 T	Cyclohexane	10.000	10.106	-1.1	92	-0.02
31 T	cis-1,2-Dichloroethene	10.000	10.122	-1.2	87	-0.01
32 T	1,1,1-Trichloroethane	10.000	9.184	8.2	89	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	86	-0.01
34 T	2-Butanone	10.000	9.705	2.9	90	-0.01
35 T	Carbon Tetrachloride	10.000	9.011	9.9	88	-0.01
36 T	Benzene	10.000	10.071	-0.7	90	-0.01
37 T	1,2-Dichloroethane	10.000	10.130	-1.3	91	-0.01
38 T	Trichloroethene	10.000	9.512	4.9	89	0.00
39 T	1,2-Dichloropropane	10.000	10.041	-0.4	90	0.00
40 T	1,4-Dioxane	10.000	9.235	7.7	86	-0.02
41 T	Tetrahydrofuran	10.000	10.900	-9.0	95	0.00
42 T	Bromodichloromethane	10.000	9.878	1.2	88	-0.01
43	Methyl Methacrylate	10.000	11.114	-11.1	91	-0.01
44 T	2,2,4-Trimethylpentane	10.000	10.012	-0.1	91	0.00
45 T	t-1,3-Dichloropropene	10.000	11.745	-17.4	87	-0.01
46 T	cis-1,3-Dichloropropene	10.000	11.369	-13.7	86	0.00
47 T	1,1,2-Trichloroethane	10.000	9.400	6.0	87	0.00
48 T	Dibromochloromethane	10.000	10.078	-0.8	85	-0.01

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

49 T	Bromoform	10.000	9.694	3.1	81	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.861	-8.6	90	-0.01
51 T	2-Hexanone	10.000	11.539	-15.4	92	-0.01
52 T	Tetrachloroethene	10.000	9.366	6.3	88	-0.01
53 T	Toluene	10.000	10.636	-6.4	88	0.00
54 T	1,2-Dibromoethane	10.000	9.946	0.5	85	-0.01
55 I	Chlorobenzene-d5	10.000	10.000	0.0	85	-0.01
56	1,1,1,2-Tetrachloroethane	10.000	9.117	8.8	84	-0.01
57 T	Chlorobenzene	10.000	9.174	8.3	85	-0.01
58 T	Ethyl Benzene	10.000	10.314	-3.1	87	-0.02
59 T	m/p-Xylene	20.000	19.616	1.9	86	-0.01
60 T	o-Xylene	10.000	9.545	4.6	84	0.00
61 T	Styrene	10.000	11.387	-13.9	84	-0.01
62	Isopropylbenzene	10.000	9.313	6.9	84	-0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	7.657	23.4	80	-0.01
64	n-propylbenzene	10.000	9.626	3.7	82	-0.02
65	tert-Butylbenzene	10.000	8.991	10.1	83	-0.01
66 T	Benzyl Chloride	10.000	9.465	5.4	67	0.00
67	sec-Butylbenzene	10.000	9.106	8.9	83	-0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.239	-2.4	84	-0.01
69	p-Isopropyltoluene	10.000	9.499	5.0	85	-0.02
70	n-Butylbenzene	10.000	10.318	-3.2	88	0.00
71	2-Chlorotoluene	10.000	9.407	5.9	81	0.00
72 T	4-Ethyltoluene	10.000	9.541	4.6	82	-0.01
73 T	1,3,5-Trimethylbenzene	10.000	9.213	7.9	81	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.264	7.4	84	-0.02
75 T	1,3-Dichlorobenzene	10.000	9.304	7.0	86	-0.01
76 T	1,4-Dichlorobenzene	10.000	9.299	7.0	86	-0.02
77 T	1,2-Dichlorobenzene	10.000	9.585	4.1	90	-0.01
78 T	Hexachloro-1,3-Butadiene	10.000	9.770	2.3	104	-0.01
79 T	Naphthalene	10.000	15.647	-56.5#	110	-0.02
80 T	Naphthalene,2-methyl-	10.000	17.578	-75.8#	85	-0.01
81 T	1,2,4-Trichlorobenzene	10.000	13.346	-33.5#	108	-0.01

(#) = Out of Range

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