

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022421\
 Data File : VL036375.D
 Acq On : 25 Feb 2021 7:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 25 08:11:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 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	99	0.02
2 T	Dichlorodifluoromethane	10.000	9.251	7.5	108	0.01
3	Chlorodifluoromethane	10.000	9.669	3.3	116	0.01
4	Chloromethane	10.000	10.139	-1.4	122	0.01
5 T	Vinyl Chloride	10.000	10.485	-4.8	118	0.02
6 T	Bromomethane	10.000	10.331	-3.3	120	0.01
7	Chloroethane	10.000	10.154	-1.5	116	0.02
8 T	Dichlorotetrafluoroethane	10.000	10.024	-0.2	118	0.01
9 T	Propene	10.000	11.887	-18.9	118	0.01
10 T	Heptane	10.000	10.303	-3.0	117	0.03
11 T	Trichlorofluoromethane	10.000	9.819	1.8	116	0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.100	-1.0	122	0.02
13	Ethanol	10.000	10.275	-2.8	128	0.02
14 T	Bromoethene	10.000	10.414	-4.1	121	0.02
15 T	Acetone	10.000	9.383	6.2	123	0.01
16 T	1,3-Butadiene	10.000	10.015	-0.2	120	0.01
17	tert-Butyl alcohol	10.000	11.514	-15.1	133	0.02
18 T	1,1-Dichloroethene	10.000	9.843	1.6	116	0.02
19 T	Isopropyl Alcohol	10.000	10.738	-7.4	134	0.02
20 T	Methylene Chloride	10.000	8.506	14.9	110	0.02
21 T	Allyl Chloride	10.000	9.930	0.7	118	0.02
22 T	trans-1,2-Dichloroethene	10.000	10.022	-0.2	116	0.02
23 T	Vinyl Acetate	10.000	10.141	-1.4	115	0.02
24 T	1,1-Dichloroethane	10.000	10.280	-2.8	119	0.02
25 T	Ethyl Acetate	10.000	10.041	-0.4	118	0.02
26 T	Hexane	10.000	9.836	1.6	116	0.02
27 T	Carbon Disulfide	10.000	10.834	-8.3	114	0.02
28 T	Methyl tert-Butyl Ether	10.000	10.588	-5.9	121	0.02
29 T	Chloroform	10.000	9.905	1.0	118	0.02
30 T	Cyclohexane	10.000	9.959	0.4	118	0.02
31 T	cis-1,2-Dichloroethene	10.000	10.129	-1.3	117	0.02
32 T	1,1,1-Trichloroethane	10.000	10.293	-2.9	118	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	103	0.02
34 T	2-Butanone	10.000	9.656	3.4	119	0.02
35 T	Carbon Tetrachloride	10.000	9.782	2.2	116	0.02
36 T	Benzene	10.000	10.137	-1.4	118	0.02
37 T	1,2-Dichloroethane	10.000	9.739	2.6	113	0.02
38 T	Trichloroethene	10.000	9.623	3.8	116	0.02
39 T	1,2-Dichloropropane	10.000	9.960	0.4	116	0.02
40 T	1,4-Dioxane	10.000	9.280	7.2	113	0.02
41 T	Tetrahydrofuran	10.000	10.296	-3.0	119	0.02
42 T	Bromodichloromethane	10.000	9.958	0.4	115	0.02
43	Methyl Methacrylate	10.000	10.577	-5.8	115	0.03
44 T	2,2,4-Trimethylpentane	10.000	9.562	4.4	117	0.02
45 T	t-1,3-Dichloropropene	10.000	11.400	-14.0	111	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.073	-10.7	113	0.03
47 T	1,1,2-Trichloroethane	10.000	9.556	4.4	116	0.02
48 T	Dibromochloromethane	10.000	10.426	-4.3	113	0.02
49 T	Bromoform	10.000	10.141	-1.4	108	0.02
50 T	4-Methyl-2-Pentanone	10.000	10.014	-0.1	115	0.02
51 T	2-Hexanone	10.000	10.639	-6.4	116	0.02
52 T	Tetrachloroethene	10.000	8.867	11.3	116	0.02
53 T	Toluene	10.000	10.258	-2.6	115	0.03
54 T	1,2-Dibromoethane	10.000	9.811	1.9	115	0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.03
56	1,1,1,2-Tetrachloroethane	10.000	9.777	2.2	113	0.03
57 T	Chlorobenzene	10.000	9.446	5.5	114	0.02
58 T	Ethyl Benzene	10.000	10.191	-1.9	113	0.03
59 T	m/p-Xylene	20.000	19.515	2.4	112	0.02
60 T	o-Xylene	10.000	9.618	3.8	114	0.03
61 T	Styrene	10.000	10.823	-8.2	110	0.02
62	Isopropylbenzene	10.000	9.487	5.1	113	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	8.381	16.2	108	0.02
64	n-propylbenzene	10.000	9.837	1.6	110	0.02
65	tert-Butylbenzene	10.000	9.315	6.9	111	0.03
66 T	Benzyl Chloride	10.000	11.594	-15.9	106	0.02
67	sec-Butylbenzene	10.000	9.182	8.2	110	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.550	-5.5	102	0.02
69	p-Isopropyltoluene	10.000	9.830	1.7	111	0.02
70	n-Butylbenzene	10.000	9.712	2.9	111	0.03
71	2-Chlorotoluene	10.000	9.522	4.8	109	0.03
72 T	4-Ethyltoluene	10.000	9.693	3.1	108	0.03
73 T	1,3,5-Trimethylbenzene	10.000	9.431	5.7	110	0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.435	5.6	110	0.02
75 T	1,3-Dichlorobenzene	10.000	9.433	5.7	111	0.02
76 T	1,4-Dichlorobenzene	10.000	8.852	11.5	105	0.02
77 T	1,2-Dichlorobenzene	10.000	9.238	7.6	110	0.03
78 T	Hexachloro-1,3-Butadiene	10.000	9.360	6.4	132	0.02
79 T	Naphthalene	10.000	13.613	-36.1#	136	0.03
80 T	Naphthalene,2-methyl-	10.000	22.389	-123.9#	243	0.02
81 T	1,2,4-Trichlorobenzene	10.000	11.815	-18.1	138	0.03

(#) = Out of Range

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