

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041152.D
 Acq On : 23 Apr 2024 8:58
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 24 02:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Apr 24 02:47:46 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	82	-0.03
2 T	Dichlorodifluoromethane	10.000	9.430	5.7	85	0.00
3	Chlorodifluoromethane	10.000	10.112	-1.1	93	0.00
4	Chloromethane	10.000	10.367	-3.7	95	0.00
5 T	Vinyl Chloride	10.000	10.958	-9.6	94	0.00
6 T	Bromomethane	10.000	10.662	-6.6	94	0.00
7	Chloroethane	10.000	10.435	-4.4	91	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.509	-5.1	93	0.00
9 T	Propene	10.000	10.646	-6.5	97	0.00
10 T	Heptane	10.000	11.255	-12.6	93	-0.04
11 T	Trichlorofluoromethane	10.000	10.220	-2.2	92	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.269	-2.7	92	-0.02
13	Ethanol	10.000	10.070	-0.7	98	0.00
14 T	Bromoethene	10.000	10.635	-6.3	92	0.00
15 T	Acetone	10.000	10.233	-2.3	96	-0.01
16 T	1,3-Butadiene	10.000	10.952	-9.5	92	0.00
17	tert-Butyl alcohol	10.000	10.545	-5.4	90	-0.02
18 T	1,1-Dichloroethene	10.000	10.813	-8.1	95	-0.02
19 T	Isopropyl Alcohol	10.000	10.930	-9.3	94	-0.01
20 T	Methylene Chloride	10.000	9.552	4.5	91	-0.02
21 T	Allyl Chloride	10.000	10.867	-8.7	94	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.532	-5.3	93	-0.02
23 T	Vinyl Acetate	10.000	11.597	-16.0	97	-0.03
24 T	1,1-Dichloroethane	10.000	10.762	-7.6	95	-0.02
25 T	Ethyl Acetate	10.000	10.732	-7.3	93	-0.03
26 T	Hexane	10.000	10.387	-3.9	94	-0.03
27 T	Carbon Disulfide	10.000	11.227	-12.3	92	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.729	-7.3	92	-0.02
29 T	Chloroform	10.000	10.393	-3.9	93	-0.03
30 T	Cyclohexane	10.000	10.967	-9.7	94	-0.04
31 T	cis-1,2-Dichloroethene	10.000	9.960	0.4	85	-0.03
32 T	1,1,1-Trichloroethane	10.000	11.269	-12.7	93	-0.04
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	85	-0.04
34 T	2-Butanone	10.000	10.816	-8.2	97	-0.03
35 T	Carbon Tetrachloride	10.000	11.180	-11.8	92	-0.04
36 T	Benzene	10.000	10.682	-6.8	94	-0.04
37 T	1,2-Dichloroethane	10.000	10.743	-7.4	95	-0.04
38 T	Trichloroethene	10.000	11.526	-15.3	95	-0.04
39 T	1,2-Dichloropropane	10.000	10.673	-6.7	94	-0.04
40 T	1,4-Dioxane	10.000	11.240	-12.4	99	-0.04
41 T	Tetrahydrofuran	10.000	11.354	-13.5	96	-0.03
42 T	Bromodichloromethane	10.000	10.963	-9.6	93	-0.04
43	Methyl Methacrylate	10.000	11.808	-18.1	94	-0.04
44 T	2,2,4-Trimethylpentane	10.000	10.757	-7.6	94	-0.04
45 T	t-1,3-Dichloropropene	10.000	13.422	-34.2#	100	-0.04
46 T	cis-1,3-Dichloropropene	10.000	12.884	-28.8	101	-0.04
47 T	1,1,2-Trichloroethane	10.000	10.823	-8.2	95	-0.04
48 T	Dibromochloromethane	10.000	11.753	-17.5	95	-0.05

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

49 T	Bromoform	10.000	12.022	-20.2	96	-0.05
50 T	4-Methyl-2-Pentanone	10.000	11.367	-13.7	94	-0.04
51 T	2-Hexanone	10.000	11.866	-18.7	94	-0.04
52 T	Tetrachloroethene	10.000	11.564	-15.6	95	-0.04
53 T	Toluene	10.000	11.727	-17.3	95	-0.05
54 T	1,2-Dibromoethane	10.000	11.892	-18.9	94	-0.05

55 I	Chlorobenzene-d5	10.000	10.000	0.0	88	-0.05
56	1,1,1,2-Tetrachloroethane	10.000	10.238	-2.4	95	-0.05
57 T	Chlorobenzene	10.000	10.234	-2.3	96	-0.05
58 T	Ethyl Benzene	10.000	11.147	-11.5	96	-0.05
59 T	m/p-Xylene	20.000	21.233	-6.2	95	-0.05
60 T	o-Xylene	10.000	10.850	-8.5	96	-0.05
61 T	Styrene	10.000	12.249	-22.5	96	-0.05
62	Isopropylbenzene	10.000	10.510	-5.1	96	-0.05
63 T	1,1,2,2-Tetrachloroethane	10.000	10.362	-3.6	96	-0.05
64	n-propylbenzene	10.000	11.094	-10.9	97	-0.05
65	tert-Butylbenzene	10.000	10.792	-7.9	96	-0.05
66 T	Benzyl Chloride	10.000	11.427	-14.3	92	-0.05
67	sec-Butylbenzene	10.000	10.518	-5.2	96	-0.05
68 S	1-Bromo-4-Fluorobenzene	10.000	9.646	3.5	85	-0.05
69	p-Isopropyltoluene	10.000	10.992	-9.9	96	-0.05
70	n-Butylbenzene	10.000	10.963	-9.6	95	-0.05
71	2-Chlorotoluene	10.000	10.681	-6.8	95	-0.05
72 T	4-Ethyltoluene	10.000	11.085	-10.9	96	-0.05
73 T	1,3,5-Trimethylbenzene	10.000	10.935	-9.4	96	-0.05
74 T	1,2,4-Trimethylbenzene	10.000	10.694	-6.9	95	-0.05
75 T	1,3-Dichlorobenzene	10.000	10.726	-7.3	96	-0.05
76 T	1,4-Dichlorobenzene	10.000	10.788	-7.9	97	-0.05
77 T	1,2-Dichlorobenzene	10.000	10.774	-7.7	97	-0.04
78 T	Hexachloro-1,3-Butadiene	10.000	9.714	2.9	94	-0.06
79 T	Naphthalene	10.000	13.940	-39.4#	96	-0.06
80 T	Naphthalene,2-methyl-	10.000	15.115	-51.2#	108	-0.04
81 T	1,2,4-Trichlorobenzene	10.000	11.980	-19.8	96	-0.05

(#) = Out of Range

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