

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040964.D
 Acq On : 15 Jan 2024 10:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 16 03:32:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 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	76	-0.02
2 T	Dichlorodifluoromethane	10.000	9.298	7.0	79	-0.05
3	Chlorodifluoromethane	10.000	11.452	-14.5	97	-0.05
4	Chloromethane	10.000	11.875	-18.8	101	-0.05
5 T	Vinyl Chloride	10.000	12.653	-26.5	102	-0.05
6 T	Bromomethane	10.000	12.031	-20.3	97	-0.04
7	Chloroethane	10.000	12.284	-22.8	102	-0.04
8 T	Dichlorotetrafluoroethane	10.000	11.927	-19.3	100	-0.05
9 T	Propene	10.000	11.879	-18.8	96	-0.05
10 T	Heptane	10.000	11.895	-18.9	96	0.00
11 T	Trichlorofluoromethane	10.000	12.304	-23.0	102	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.440	-14.4	101	-0.03
13	Ethanol	10.000	10.653	-6.5	99	-0.04
14 T	Bromoethene	10.000	12.659	-26.6	103	-0.04
15 T	Acetone	10.000	10.368	-3.7	99	-0.04
16 T	1,3-Butadiene	10.000	12.154	-21.5	97	-0.05
17	tert-Butyl alcohol	10.000	14.408	-44.1#	116	-0.03
18 T	1,1-Dichloroethene	10.000	12.112	-21.1	103	-0.03
19 T	Isopropyl Alcohol	10.000	13.351	-33.5#	112	-0.04
20 T	Methylene Chloride	10.000	11.286	-12.9	101	-0.03
21 T	Allyl Chloride	10.000	12.193	-21.9	99	-0.03
22 T	trans-1,2-Dichloroethene	10.000	11.265	-12.7	85	-0.02
23 T	Vinyl Acetate	10.000	11.361	-13.6	82	-0.03
24 T	1,1-Dichloroethane	10.000	10.293	-2.9	82	-0.03
25 T	Ethyl Acetate	10.000	10.457	-4.6	83	-0.02
26 T	Hexane	10.000	10.244	-2.4	84	-0.02
27 T	Carbon Disulfide	10.000	11.814	-18.1	102	-0.03
28 T	Methyl tert-Butyl Ether	10.000	10.503	-5.0	82	-0.03
29 T	Chloroform	10.000	9.250	7.5	76	-0.02
30 T	Cyclohexane	10.000	11.833	-18.3	94	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.951	0.5	79	-0.02
32 T	1,1,1-Trichloroethane	10.000	12.049	-20.5	97	-0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	89	0.00
34 T	2-Butanone	10.000	8.932	10.7	81	-0.02
35 T	Carbon Tetrachloride	10.000	10.620	-6.2	95	0.00
36 T	Benzene	10.000	10.323	-3.2	96	0.00
37 T	1,2-Dichloroethane	10.000	10.310	-3.1	95	-0.01
38 T	Trichloroethene	10.000	10.638	-6.4	99	0.00
39 T	1,2-Dichloropropane	10.000	10.311	-3.1	97	0.00
40 T	1,4-Dioxane	10.000	9.964	0.4	99	0.00
41 T	Tetrahydrofuran	10.000	10.323	-3.2	95	-0.01
42 T	Bromodichloromethane	10.000	10.422	-4.2	96	0.00
43	Methyl Methacrylate	10.000	10.826	-8.3	95	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.955	0.4	96	0.00
45 T	t-1,3-Dichloropropene	10.000	12.565	-25.6	100	0.00
46 T	cis-1,3-Dichloropropene	10.000	11.886	-18.9	102	0.00
47 T	1,1,2-Trichloroethane	10.000	10.358	-3.6	98	0.00
48 T	Dibromochloromethane	10.000	10.731	-7.3	96	0.00

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

49 T	Bromoform	10.000	11.200	-12.0	97	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.495	-4.9	96	0.00
51 T	2-Hexanone	10.000	10.781	-7.8	94	0.00
52 T	Tetrachloroethene	10.000	10.254	-2.5	94	0.00
53 T	Toluene	10.000	10.525	-5.3	96	0.00
54 T	1,2-Dibromoethane	10.000	11.038	-10.4	97	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.991	0.1	96	0.00
57 T	Chlorobenzene	10.000	9.879	1.2	97	0.00
58 T	Ethyl Benzene	10.000	9.882	1.2	95	0.00
59 T	m/p-Xylene	20.000	19.755	1.2	96	0.01
60 T	o-Xylene	10.000	9.905	1.0	96	0.00
61 T	Styrene	10.000	10.921	-9.2	95	0.01
62	Isopropylbenzene	10.000	9.811	1.9	96	0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	10.149	-1.5	98	0.00
64	n-propylbenzene	10.000	10.146	-1.5	96	0.01
65	tert-Butylbenzene	10.000	10.154	-1.5	97	0.01
66 T	Benzyl Chloride	10.000	12.886	-28.9	99	0.00
67	sec-Butylbenzene	10.000	9.816	1.8	97	0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	9.648	3.5	87	0.02
69	p-Isopropyltoluene	10.000	10.302	-3.0	97	0.00
70	n-Butylbenzene	10.000	10.555	-5.5	99	0.01
71	2-Chlorotoluene	10.000	9.920	0.8	96	0.01
72 T	4-Ethyltoluene	10.000	10.538	-5.4	97	0.01
73 T	1,3,5-Trimethylbenzene	10.000	10.410	-4.1	96	0.01
74 T	1,2,4-Trimethylbenzene	10.000	10.272	-2.7	96	0.01
75 T	1,3-Dichlorobenzene	10.000	10.457	-4.6	98	0.00
76 T	1,4-Dichlorobenzene	10.000	10.485	-4.8	99	0.01
77 T	1,2-Dichlorobenzene	10.000	10.386	-3.9	98	0.01
78 T	Hexachloro-1,3-Butadiene	10.000	9.414	5.9	101	0.02
79 T	Naphthalene	10.000	15.376	-53.8#	112	0.02
80 T	Naphthalene,2-methyl-	10.000	17.770	-77.7#	149	0.00
81 T	1,2,4-Trichlorobenzene	10.000	13.470	-34.7#	109	0.01

(#) = Out of Range

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