

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041150.D
 Acq On : 8 Apr 2024 15:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 09 01:17:04 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 : Tue Apr 09 01:10:08 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	87	-0.03
2 T	Dichlorodifluoromethane	10.000	8.723	12.8	84	0.00
3	Chlorodifluoromethane	10.000	8.336	16.6	82	0.00
4	Chloromethane	10.000	9.424	5.8	93	0.00
5 T	Vinyl Chloride	10.000	10.103	-1.0	93	0.00
6 T	Bromomethane	10.000	16.376	-63.8#	154	0.00
7	Chloroethane	10.000	9.646	3.5	90	-0.01
8 T	Dichlorotetrafluoroethane	10.000	9.233	7.7	88	0.00
9 T	Propene	10.000	10.057	-0.6	98	0.00
10 T	Heptane	10.000	10.218	-2.2	90	-0.04
11 T	Trichlorofluoromethane	10.000	9.082	9.2	88	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.076	9.2	87	-0.02
13	Ethanol	10.000	12.180	-21.8	127	-0.02
14 T	Bromoethene	10.000	9.736	2.6	90	-0.01
15 T	Acetone	10.000	10.574	-5.7	106	-0.02
16 T	1,3-Butadiene	10.000	10.019	-0.2	90	0.00
17	tert-Butyl alcohol	10.000	10.770	-7.7	98	-0.02
18 T	1,1-Dichloroethene	10.000	9.171	8.3	86	-0.02
19 T	Isopropyl Alcohol	10.000	11.042	-10.4	102	-0.02
20 T	Methylene Chloride	10.000	8.537	14.6	87	-0.02
21 T	Allyl Chloride	10.000	10.854	-8.5	100	-0.02
22 T	trans-1,2-Dichloroethene	10.000	9.412	5.9	89	-0.02
23 T	Vinyl Acetate	10.000	10.971	-9.7	98	-0.03
24 T	1,1-Dichloroethane	10.000	9.570	4.3	90	-0.03
25 T	Ethyl Acetate	10.000	9.888	1.1	92	-0.03
26 T	Hexane	10.000	9.761	2.4	94	-0.03
27 T	Carbon Disulfide	10.000	9.754	2.5	85	-0.02
28 T	Methyl tert-Butyl Ether	10.000	9.838	1.6	90	-0.03
29 T	Chloroform	10.000	9.461	5.4	90	-0.03
30 T	Cyclohexane	10.000	10.245	-2.4	94	-0.04
31 T	cis-1,2-Dichloroethene	10.000	10.299	-3.0	94	-0.03
32 T	1,1,1-Trichloroethane	10.000	10.064	-0.6	89	-0.04
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	92	-0.04
34 T	2-Butanone	10.000	10.263	-2.6	100	-0.03
35 T	Carbon Tetrachloride	10.000	9.758	2.4	87	-0.04
36 T	Benzene	10.000	9.617	3.8	92	-0.04
37 T	1,2-Dichloroethane	10.000	9.377	6.2	90	-0.04
38 T	Trichloroethene	10.000	10.737	-7.4	96	-0.04
39 T	1,2-Dichloropropane	10.000	9.501	5.0	91	-0.04
40 T	1,4-Dioxane	10.000	10.827	-8.3	104	-0.04
41 T	Tetrahydrofuran	10.000	10.389	-3.9	95	-0.03
42 T	Bromodichloromethane	10.000	9.599	4.0	89	-0.04
43	Methyl Methacrylate	10.000	10.505	-5.1	92	-0.04
44 T	2,2,4-Trimethylpentane	10.000	9.591	4.1	91	-0.04
45 T	t-1,3-Dichloropropene	10.000	20.542	-105.4#	168	-0.04
46 T	cis-1,3-Dichloropropene	10.000	20.033	-100.3#	171	-0.04
47 T	1,1,2-Trichloroethane	10.000	9.590	4.1	92	-0.04
48 T	Dibromochloromethane	10.000	10.349	-3.5	91	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.255	-2.6	89	-0.05
50 T	4-Methyl-2-Pentanone	10.000	10.528	-5.3	95	-0.04
51 T	2-Hexanone	10.000	12.580	-25.8	109	-0.04
52 T	Tetrachloroethene	10.000	10.425	-4.3	93	-0.04
53 T	Toluene	10.000	10.603	-6.0	93	-0.05
54 T	1,2-Dibromoethane	10.000	11.943	-19.4	103	-0.05
55 I	Chlorobenzene-d5	10.000	10.000	0.0	93	-0.05
56	1,1,1,2-Tetrachloroethane	10.000	9.289	7.1	91	-0.05
57 T	Chlorobenzene	10.000	9.466	5.3	94	-0.05
58 T	Ethyl Benzene	10.000	10.178	-1.8	92	-0.05
59 T	m/p-Xylene	20.000	19.178	4.1	90	-0.05
60 T	o-Xylene	10.000	9.728	2.7	91	-0.05
61 T	Styrene	10.000	11.555	-15.5	95	-0.05
62	Isopropylbenzene	10.000	9.429	5.7	91	-0.05
63 T	1,1,2,2-Tetrachloroethane	10.000	9.326	6.7	91	-0.05
64	n-propylbenzene	10.000	9.955	0.4	92	-0.05
65	tert-Butylbenzene	10.000	9.890	1.1	93	-0.05
66 T	Benzyl Chloride	10.000	25.070	-150.7#	214	-0.05
67	sec-Butylbenzene	10.000	9.676	3.2	93	-0.05
68 S	1-Bromo-4-Fluorobenzene	10.000	9.652	3.5	90	-0.05
69	p-Isopropyltoluene	10.000	10.240	-2.4	94	-0.05
70	n-Butylbenzene	10.000	10.106	-1.1	92	-0.04
71	2-Chlorotoluene	10.000	9.535	4.6	90	-0.05
72 T	4-Ethyltoluene	10.000	10.241	-2.4	94	-0.05
73 T	1,3,5-Trimethylbenzene	10.000	10.045	-0.4	93	-0.05
74 T	1,2,4-Trimethylbenzene	10.000	9.674	3.3	90	-0.05
75 T	1,3-Dichlorobenzene	10.000	9.681	3.2	92	-0.05
76 T	1,4-Dichlorobenzene	10.000	9.662	3.4	92	-0.05
77 T	1,2-Dichlorobenzene	10.000	9.745	2.6	93	-0.04
78 T	Hexachloro-1,3-Butadiene	10.000	9.671	3.3	99	-0.05
79 T	Naphthalene	10.000	14.142	-41.4#	102	-0.05
80 T	Naphthalene,2-methyl-	10.000	21.826	-118.3#	165	-0.04
81 T	1,2,4-Trichlorobenzene	10.000	11.417	-14.2	96	-0.05

(#) = Out of Range

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