

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039067.D
 Acq On : 17 May 2022 12:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 18 01:46:38 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 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	75	0.02
2 T	Dichlorodifluoromethane	10.000	7.802	22.0	63	0.01
3	Chlorodifluoromethane	10.000	9.891	1.1	81	0.00
4	Chloromethane	10.000	9.230	7.7	73	0.01
5 T	Vinyl Chloride	10.000	10.037	-0.4	76	0.02
6 T	Bromomethane	10.000	9.440	5.6	71	0.00
7	Chloroethane	10.000	9.953	0.5	76	0.01
8 T	Dichlorotetrafluoroethane	10.000	9.584	4.2	76	0.01
9 T	Propene	10.000	10.474	-4.7	89	0.01
10 T	Heptane	10.000	10.717	-7.2	83	0.02
11 T	Trichlorofluoromethane	10.000	9.512	4.9	76	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.068	-0.7	78	0.02
13	Ethanol	10.000	12.201	-22.0	115	0.00
14 T	Bromoethene	10.000	10.795	-7.9	81	0.02
15 T	Acetone	10.000	9.802	2.0	79	0.01
16 T	1,3-Butadiene	10.000	10.086	-0.9	79	0.02
17	tert-Butyl alcohol	10.000	11.361	-13.6	89	0.02
18 T	1,1-Dichloroethene	10.000	10.498	-5.0	82	0.02
19 T	Isopropyl Alcohol	10.000	10.686	-6.9	81	0.02
20 T	Methylene Chloride	10.000	9.350	6.5	78	0.02
21 T	Allyl Chloride	10.000	9.940	0.6	75	0.01
22 T	trans-1,2-Dichloroethene	10.000	9.988	0.1	78	0.02
23 T	Vinyl Acetate	10.000	8.363	16.4	62	0.02
24 T	1,1-Dichloroethane	10.000	10.048	-0.5	79	0.02
25 T	Ethyl Acetate	10.000	11.681	-16.8	90	0.02
26 T	Hexane	10.000	10.691	-6.9	86	0.02
27 T	Carbon Disulfide	10.000	10.372	-3.7	74	0.01
28 T	Methyl tert-Butyl Ether	10.000	10.713	-7.1	81	0.02
29 T	Chloroform	10.000	10.036	-0.4	77	0.02
30 T	Cyclohexane	10.000	10.833	-8.3	86	0.02
31 T	cis-1,2-Dichloroethene	10.000	10.231	-2.3	78	0.02
32 T	1,1,1-Trichloroethane	10.000	10.109	-1.1	77	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	83	0.02
34 T	2-Butanone	10.000	9.672	3.3	81	0.02
35 T	Carbon Tetrachloride	10.000	9.367	6.3	76	0.02
36 T	Benzene	10.000	9.722	2.8	84	0.02
37 T	1,2-Dichloroethane	10.000	8.669	13.3	73	0.02
38 T	Trichloroethene	10.000	8.338	16.6	74	0.02
39 T	1,2-Dichloropropane	10.000	9.714	2.9	82	0.02
40 T	1,4-Dioxane	10.000	9.360	6.4	79	0.03
41 T	Tetrahydrofuran	10.000	9.791	2.1	82	0.02
42 T	Bromodichloromethane	10.000	9.268	7.3	76	0.02
43	Methyl Methacrylate	10.000	10.400	-4.0	86	0.02
44 T	2,2,4-Trimethylpentane	10.000	9.188	8.1	82	0.02
45 T	t-1,3-Dichloropropene	10.000	8.186	18.1	57	0.02
46 T	cis-1,3-Dichloropropene	10.000	8.724	12.8	67	0.02
47 T	1,1,2-Trichloroethane	10.000	9.799	2.0	84	0.02
48 T	Dibromochloromethane	10.000	9.899	1.0	79	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.304	-3.0	79	0.02
50 T	4-Methyl-2-Pentanone	10.000	9.354	6.5	78	0.02
51 T	2-Hexanone	10.000	9.590	4.1	73	0.02
52 T	Tetrachloroethene	10.000	9.283	7.2	84	0.02
53 T	Toluene	10.000	10.121	-1.2	86	0.02
54 T	1,2-Dibromoethane	10.000	10.329	-3.3	84	0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	80	0.02
56	1,1,1,2-Tetrachloroethane	10.000	10.338	-3.4	86	0.02
57 T	Chlorobenzene	10.000	9.920	0.8	85	0.02
58 T	Ethyl Benzene	10.000	9.942	0.6	85	0.02
59 T	m/p-Xylene	20.000	19.435	2.8	83	0.02
60 T	o-Xylene	10.000	9.723	2.8	84	0.02
61 T	Styrene	10.000	10.365	-3.7	82	0.02
62	Isopropylbenzene	10.000	10.078	-0.8	88	0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	11.307	-13.1	99	0.02
64	n-propylbenzene	10.000	10.483	-4.8	87	0.02
65	tert-Butylbenzene	10.000	9.904	1.0	88	0.02
66 T	Benzyl Chloride	10.000	4.865	51.3#	29	0.03
67	sec-Butylbenzene	10.000	9.983	0.2	88	0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	9.854	1.5	79	0.02
69	p-Isopropyltoluene	10.000	10.159	-1.6	87	0.03
70	n-Butylbenzene	10.000	10.124	-1.2	85	0.02
71	2-Chlorotoluene	10.000	9.884	1.2	85	0.03
72 T	4-Ethyltoluene	10.000	10.006	-0.1	84	0.02
73 T	1,3,5-Trimethylbenzene	10.000	10.083	-0.8	83	0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.786	2.1	83	0.03
75 T	1,3-Dichlorobenzene	10.000	10.275	-2.8	86	0.03
76 T	1,4-Dichlorobenzene	10.000	9.915	0.9	82	0.03
77 T	1,2-Dichlorobenzene	10.000	10.178	-1.8	86	0.03
78 T	Hexachloro-1,3-Butadiene	10.000	8.365	16.3	80	0.03
79 T	Naphthalene	10.000	9.750	2.5	73	0.04
80 T	Naphthalene,2-methyl-	10.000	8.310	16.9	58	0.03
81 T	1,2,4-Trichlorobenzene	10.000	9.111	8.9	75	0.03

(#) = Out of Range

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