

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039113.D
 Acq On : 24 May 2022 10:28
 Operator : SY/AP
 Sample : VSTDCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCC010

Quant Time: May 25 04:16:09 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	80	-0.02
2 T	Dichlorodifluoromethane	10.000	6.942	30.6#	60	-0.01
3	Chlorodifluoromethane	10.000	10.014	-0.1	87	-0.01
4	Chloromethane	10.000	9.140	8.6	77	-0.01
5 T	Vinyl Chloride	10.000	10.218	-2.2	83	-0.01
6 T	Bromomethane	10.000	10.282	-2.8	82	-0.01
7	Chloroethane	10.000	10.593	-5.9	87	-0.01
8 T	Dichlorotetrafluoroethane	10.000	9.918	0.8	84	-0.01
9 T	Propene	10.000	9.563	4.4	86	0.00
10 T	Heptane	10.000	9.955	0.4	82	-0.02
11 T	Trichlorofluoromethane	10.000	9.940	0.6	85	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.400	-4.0	86	-0.02
13	Ethanol	10.000	13.475	-34.8#	136	-0.02
14 T	Bromoethene	10.000	10.862	-8.6	86	0.00
15 T	Acetone	10.000	10.203	-2.0	88	-0.02
16 T	1,3-Butadiene	10.000	10.046	-0.5	84	0.00
17	tert-Butyl alcohol	10.000	11.397	-14.0	95	-0.02
18 T	1,1-Dichloroethene	10.000	10.647	-6.5	89	-0.02
19 T	Isopropyl Alcohol	10.000	11.031	-10.3	89	-0.02
20 T	Methylene Chloride	10.000	10.327	-3.3	92	-0.01
21 T	Allyl Chloride	10.000	10.247	-2.5	83	-0.02
22 T	trans-1,2-Dichloroethene	10.000	10.369	-3.7	86	-0.02
23 T	Vinyl Acetate	10.000	8.600	14.0	68	-0.02
24 T	1,1-Dichloroethane	10.000	10.256	-2.6	86	-0.02
25 T	Ethyl Acetate	10.000	11.380	-13.8	93	-0.02
26 T	Hexane	10.000	10.284	-2.8	88	-0.02
27 T	Carbon Disulfide	10.000	10.552	-5.5	80	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.657	-6.6	86	-0.02
29 T	Chloroform	10.000	9.902	1.0	81	-0.02
30 T	Cyclohexane	10.000	9.979	0.2	85	-0.02
31 T	cis-1,2-Dichloroethene	10.000	10.038	-0.4	81	-0.02
32 T	1,1,1-Trichloroethane	10.000	10.241	-2.4	83	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	81	-0.02
34 T	2-Butanone	10.000	10.906	-9.1	89	-0.02
35 T	Carbon Tetrachloride	10.000	10.494	-4.9	83	-0.02
36 T	Benzene	10.000	9.644	3.6	82	-0.02
37 T	1,2-Dichloroethane	10.000	9.859	1.4	81	-0.02
38 T	Trichloroethene	10.000	8.649	13.5	75	-0.02
39 T	1,2-Dichloropropane	10.000	9.905	1.0	82	-0.02
40 T	1,4-Dioxane	10.000	9.722	2.8	80	-0.02
41 T	Tetrahydrofuran	10.000	9.881	1.2	81	-0.02
42 T	Bromodichloromethane	10.000	10.308	-3.1	83	-0.02
43	Methyl Methacrylate	10.000	10.522	-5.2	85	-0.02
44 T	2,2,4-Trimethylpentane	10.000	9.552	4.5	83	-0.02
45 T	t-1,3-Dichloropropene	10.000	8.563	14.4	58	-0.02
46 T	cis-1,3-Dichloropropene	10.000	9.194	8.1	69	-0.02
47 T	1,1,2-Trichloroethane	10.000	9.819	1.8	82	-0.02
48 T	Dibromochloromethane	10.000	10.532	-5.3	82	-0.03

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

49 T	Bromoform	10.000	11.119	-11.2	83	-0.03
50 T	4-Methyl-2-Pentanone	10.000	9.651	3.5	79	-0.02
51 T	2-Hexanone	10.000	9.981	0.2	74	-0.02
52 T	Tetrachloroethene	10.000	9.656	3.4	85	-0.02
53 T	Toluene	10.000	10.056	-0.6	83	-0.02
54 T	1,2-Dibromoethane	10.000	10.511	-5.1	84	-0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	80	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	10.584	-5.8	88	-0.02
57 T	Chlorobenzene	10.000	9.824	1.8	84	-0.02
58 T	Ethyl Benzene	10.000	9.709	2.9	83	-0.02
59 T	m/p-Xylene	20.000	19.566	2.2	84	-0.02
60 T	o-Xylene	10.000	9.757	2.4	84	-0.02
61 T	Styrene	10.000	10.004	-0.0	79	-0.03
62	Isopropylbenzene	10.000	9.922	0.8	86	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	11.377	-13.8	100	-0.03
64	n-propylbenzene	10.000	10.525	-5.3	87	-0.02
65	tert-Butylbenzene	10.000	10.138	-1.4	89	-0.02
66 T	Benzyl Chloride	10.000	5.217	47.8#	31	-0.02
67	sec-Butylbenzene	10.000	10.188	-1.9	89	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	9.875	1.3	79	-0.03
69	p-Isopropyltoluene	10.000	10.360	-3.6	89	-0.02
70	n-Butylbenzene	10.000	10.414	-4.1	87	-0.02
71	2-Chlorotoluene	10.000	9.972	0.3	85	-0.03
72 T	4-Ethyltoluene	10.000	10.239	-2.4	85	-0.02
73 T	1,3,5-Trimethylbenzene	10.000	10.116	-1.2	84	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	10.107	-1.1	86	-0.02
75 T	1,3-Dichlorobenzene	10.000	10.238	-2.4	85	-0.02
76 T	1,4-Dichlorobenzene	10.000	10.272	-2.7	85	-0.02
77 T	1,2-Dichlorobenzene	10.000	10.224	-2.2	86	-0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.529	14.7	81	-0.02
79 T	Naphthalene	10.000	9.558	4.4	71	-0.02
80 T	Naphthalene,2-methyl-	10.000	7.295	27.1	51	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.080	9.2	75	-0.02

(#) = Out of Range

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