

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039175.D
 Acq On : 4 Jun 2022 12:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 06 00:44:53 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 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	99	0.00
2 T	Dichlorodifluoromethane	10.000	8.430	15.7	97	0.00
3	Chlorodifluoromethane	10.000	9.569	4.3	106	0.00
4	Chloromethane	10.000	9.909	0.9	107	0.00
5 T	Vinyl Chloride	10.000	10.568	-5.7	109	0.00
6 T	Bromomethane	10.000	9.770	2.3	107	0.00
7	Chloroethane	10.000	10.468	-4.7	110	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.370	6.3	102	0.00
9 T	Propene	10.000	10.985	-9.8	123	0.00
10 T	Heptane	10.000	11.127	-11.3	116	0.00
11 T	Trichlorofluoromethane	10.000	8.828	11.7	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.546	4.5	103	0.00
13	Ethanol	10.000	10.247	-2.5	109	0.00
14 T	Bromoethene	10.000	9.961	0.4	105	0.00
15 T	Acetone	10.000	9.291	7.1	105	0.00
16 T	1,3-Butadiene	10.000	10.193	-1.9	107	0.00
17	tert-Butyl alcohol	10.000	10.849	-8.5	109	0.00
18 T	1,1-Dichloroethene	10.000	9.875	1.3	106	0.00
19 T	Isopropyl Alcohol	10.000	11.055	-10.5	109	0.00
20 T	Methylene Chloride	10.000	8.408	15.9	109	0.00
21 T	Allyl Chloride	10.000	9.927	0.7	105	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.325	-3.2	106	0.00
23 T	Vinyl Acetate	10.000	10.210	-2.1	97	0.00
24 T	1,1-Dichloroethane	10.000	7.655	23.4	85	0.00
25 T	Ethyl Acetate	10.000	10.589	-5.9	114	0.00
26 T	Hexane	10.000	10.439	-4.4	112	0.00
27 T	Carbon Disulfide	10.000	9.714	2.9	95	0.00
28 T	Methyl tert-Butyl Ether	10.000	7.673	23.3	85	0.00
29 T	Chloroform	10.000	9.585	4.1	103	0.00
30 T	Cyclohexane	10.000	11.009	-10.1	120	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.356	-3.6	109	0.00
32 T	1,1,1-Trichloroethane	10.000	9.807	1.9	100	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	111	0.00
34 T	2-Butanone	10.000	9.483	5.2	107	0.00
35 T	Carbon Tetrachloride	10.000	8.308	16.9	96	0.00
36 T	Benzene	10.000	10.120	-1.2	119	0.00
37 T	1,2-Dichloroethane	10.000	8.295	17.1	96	0.00
38 T	Trichloroethene	10.000	10.526	-5.3	116	0.00
39 T	1,2-Dichloropropane	10.000	9.852	1.5	117	0.00
40 T	1,4-Dioxane	10.000	11.595	-16.0	134	0.00
41 T	Tetrahydrofuran	10.000	10.304	-3.0	119	0.00
42 T	Bromodichloromethane	10.000	8.723	12.8	101	0.00
43	Methyl Methacrylate	10.000	10.465	-4.6	114	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.499	5.0	114	0.00
45 T	t-1,3-Dichloropropene	10.000	10.594	-5.9	101	0.00
46 T	cis-1,3-Dichloropropene	10.000	10.284	-2.8	106	0.00
47 T	1,1,2-Trichloroethane	10.000	9.929	0.7	115	0.00
48 T	Dibromochloromethane	10.000	9.167	8.3	101	0.00

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

49 T	Bromoform	10.000	8.817	11.8	96	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.132	-1.3	113	0.00
51 T	2-Hexanone	10.000	10.347	-3.5	115	0.00
52 T	Tetrachloroethene	10.000	9.504	5.0	115	0.00
53 T	Toluene	10.000	10.253	-2.5	119	0.00
54 T	1,2-Dibromoethane	10.000	10.268	-2.7	115	0.00

55 I	Chlorobenzene-d5	10.000	10.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.194	8.1	106	0.00
57 T	Chlorobenzene	10.000	10.199	-2.0	118	0.00
58 T	Ethyl Benzene	10.000	10.158	-1.6	116	0.00
59 T	m/p-Xylene	20.000	19.020	4.9	110	0.00
60 T	o-Xylene	10.000	9.476	5.2	110	0.00
61 T	Styrene	10.000	10.942	-9.4	118	0.00
62	Isopropylbenzene	10.000	9.449	5.5	111	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.925	10.7	108	0.00
64	n-propylbenzene	10.000	10.114	-1.1	113	0.00
65	tert-Butylbenzene	10.000	9.071	9.3	107	0.00
66 T	Benzyl Chloride	10.000	9.651	3.5	85	0.00
67	sec-Butylbenzene	10.000	9.362	6.4	109	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.551	4.5	102	0.00
69	p-Isopropyltoluene	10.000	9.312	6.9	109	0.00
70	n-Butylbenzene	10.000	9.465	5.4	107	0.00
71	2-Chlorotoluene	10.000	9.236	7.6	107	0.00
72 T	4-Ethyltoluene	10.000	9.845	1.5	112	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.680	3.2	109	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.257	7.4	107	0.00
75 T	1,3-Dichlorobenzene	10.000	9.734	2.7	110	0.00
76 T	1,4-Dichlorobenzene	10.000	9.673	3.3	112	0.00
77 T	1,2-Dichlorobenzene	10.000	9.360	6.4	109	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.424	5.8	117	0.00
79 T	Naphthalene	10.000	13.648	-36.5#	131	0.00
80 T	Naphthalene,2-methyl-	10.000	12.709	-27.1	105	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.657	-16.6	126	0.00

(#) = Out of Range

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