

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039032.D
 Acq On : 12 May 2022 9:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 13 01:19:20 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	72	-0.02
2 T	Dichlorodifluoromethane	10.000	7.428	25.7	57	-0.01
3	Chlorodifluoromethane	10.000	9.511	4.9	74	-0.01
4	Chloromethane	10.000	8.887	11.1	67	-0.01
5 T	Vinyl Chloride	10.000	9.801	2.0	71	-0.01
6 T	Bromomethane	10.000	9.353	6.5	67	-0.02
7	Chloroethane	10.000	9.554	4.5	70	-0.01
8 T	Dichlorotetrafluoroethane	10.000	9.459	5.4	72	-0.02
9 T	Propene	10.000	11.003	-10.0	89	-0.01
10 T	Heptane	10.000	10.619	-6.2	79	-0.02
11 T	Trichlorofluoromethane	10.000	9.024	9.8	69	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.514	4.9	71	-0.02
13	Ethanol	10.000	12.051	-20.5	109	-0.02
14 T	Bromoethene	10.000	9.754	2.5	69	-0.01
15 T	Acetone	10.000	9.986	0.1	77	-0.02
16 T	1,3-Butadiene	10.000	9.897	1.0	74	0.00
17	tert-Butyl alcohol	10.000	11.994	-19.9	89	-0.02
18 T	1,1-Dichloroethene	10.000	9.671	3.3	72	-0.02
19 T	Isopropyl Alcohol	10.000	12.037	-20.4	87	-0.02
20 T	Methylene Chloride	10.000	9.440	5.6	75	-0.02
21 T	Allyl Chloride	10.000	9.807	1.9	71	-0.02
22 T	trans-1,2-Dichloroethene	10.000	9.891	1.1	73	-0.02
23 T	Vinyl Acetate	10.000	8.608	13.9	61	-0.02
24 T	1,1-Dichloroethane	10.000	9.751	2.5	73	-0.02
25 T	Ethyl Acetate	10.000	11.513	-15.1	84	-0.02
26 T	Hexane	10.000	10.631	-6.3	81	-0.02
27 T	Carbon Disulfide	10.000	10.275	-2.8	70	-0.02
28 T	Methyl tert-Butyl Ether	10.000	10.479	-4.8	76	-0.02
29 T	Chloroform	10.000	9.783	2.2	72	-0.02
30 T	Cyclohexane	10.000	10.640	-6.4	81	-0.02
31 T	cis-1,2-Dichloroethene	10.000	9.689	3.1	70	-0.02
32 T	1,1,1-Trichloroethane	10.000	9.677	3.2	70	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	81	-0.03
34 T	2-Butanone	10.000	8.591	14.1	71	-0.02
35 T	Carbon Tetrachloride	10.000	8.772	12.3	70	-0.03
36 T	Benzene	10.000	9.447	5.5	80	-0.02
37 T	1,2-Dichloroethane	10.000	8.046	19.5	66	-0.02
38 T	Trichloroethene	10.000	8.105	18.9	70	-0.03
39 T	1,2-Dichloropropane	10.000	9.292	7.1	77	-0.03
40 T	1,4-Dioxane	10.000	7.588	24.1	63	-0.02
41 T	Tetrahydrofuran	10.000	9.599	4.0	79	-0.02
42 T	Bromodichloromethane	10.000	8.729	12.7	70	-0.03
43	Methyl Methacrylate	10.000	9.848	1.5	80	-0.02
44 T	2,2,4-Trimethylpentane	10.000	8.858	11.4	77	-0.02
45 T	t-1,3-Dichloropropene	10.000	7.619	23.8	52	-0.03
46 T	cis-1,3-Dichloropropene	10.000	8.026	19.7	60	-0.02
47 T	1,1,2-Trichloroethane	10.000	9.459	5.4	80	-0.03
48 T	Dibromochloromethane	10.000	9.292	7.1	73	-0.03

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

49 T	Bromoform	10.000	9.664	3.4	73	-0.03
50 T	4-Methyl-2-Pentanone	10.000	9.048	9.5	74	-0.03
51 T	2-Hexanone	10.000	9.198	8.0	68	-0.02
52 T	Tetrachloroethene	10.000	9.107	8.9	81	-0.02
53 T	Toluene	10.000	9.784	2.2	81	-0.03
54 T	1,2-Dibromoethane	10.000	9.938	0.6	79	-0.03

55 I	Chlorobenzene-d5	10.000	10.000	0.0	81	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	9.600	4.0	81	-0.02
57 T	Chlorobenzene	10.000	9.350	6.5	80	-0.03
58 T	Ethyl Benzene	10.000	9.280	7.2	80	-0.03
59 T	m/p-Xylene	20.000	17.963	10.2	78	-0.02
60 T	o-Xylene	10.000	8.873	11.3	77	-0.02
61 T	Styrene	10.000	9.732	2.7	77	-0.03
62	Isopropylbenzene	10.000	9.464	5.4	83	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	10.366	-3.7	92	-0.03
64	n-propylbenzene	10.000	9.906	0.9	83	-0.02
65	tert-Butylbenzene	10.000	9.186	8.1	82	-0.02
66 T	Benzyl Chloride	10.000	4.237	57.6#	26	-0.03
67	sec-Butylbenzene	10.000	9.288	7.1	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	8.987	10.1	73	-0.03
69	p-Isopropyltoluene	10.000	9.395	6.1	82	-0.03
70	n-Butylbenzene	10.000	9.376	6.2	80	-0.02
71	2-Chlorotoluene	10.000	9.121	8.8	79	-0.02
72 T	4-Ethyltoluene	10.000	9.412	5.9	79	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	9.418	5.8	79	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	9.070	9.3	78	-0.02
75 T	1,3-Dichlorobenzene	10.000	9.185	8.1	77	-0.02
76 T	1,4-Dichlorobenzene	10.000	9.155	8.5	76	-0.02
77 T	1,2-Dichlorobenzene	10.000	9.367	6.3	80	-0.02
78 T	Hexachloro-1,3-Butadiene	10.000	7.565	24.3	73	-0.02
79 T	Naphthalene	10.000	9.031	9.7	68	-0.02
80 T	Naphthalene,2-methyl-	10.000	7.535	24.6	53	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	8.400	16.0	70	-0.03

(#) = Out of Range

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