

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038955.D
 Acq On : 20 Apr 2022 9:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 20 10:25:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 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	67	-0.02
2 T	Dichlorodifluoromethane	10.000	14.749	-47.5#	109	0.00
3	Chlorodifluoromethane	10.000	10.872	-8.7	78	-0.01
4	Chloromethane	10.000	10.973	-9.7	77	-0.01
5 T	Vinyl Chloride	10.000	10.858	-8.6	76	0.00
6 T	Bromomethane	10.000	11.297	-13.0	79	0.00
7	Chloroethane	10.000	11.428	-14.3	77	-0.02
8 T	Dichlorotetrafluoroethane	10.000	11.428	-14.3	82	-0.01
9 T	Propene	10.000	10.262	-2.6	72	-0.01
10 T	Heptane	10.000	9.914	0.9	71	-0.02
11 T	Trichlorofluoromethane	10.000	12.962	-29.6	90	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	12.802	-28.0	90	-0.02
13	Ethanol	10.000	7.937	20.6	61	-0.02
14 T	Bromoethene	10.000	12.050	-20.5	87	-0.01
15 T	Acetone	10.000	12.343	-23.4	93	-0.01
16 T	1,3-Butadiene	10.000	10.871	-8.7	76	-0.01
17	tert-Butyl alcohol	10.000	9.816	1.8	65	-0.02
18 T	1,1-Dichloroethene	10.000	12.281	-22.8	89	0.00
19 T	Isopropyl Alcohol	10.000	11.257	-12.6	77	-0.01
20 T	Methylene Chloride	10.000	11.358	-13.6	83	-0.02
21 T	Allyl Chloride	10.000	11.208	-12.1	80	-0.02
22 T	trans-1,2-Dichloroethene	10.000	13.022	-30.2#	86	-0.02
23 T	Vinyl Acetate	10.000	12.771	-27.7	88	-0.02
24 T	1,1-Dichloroethane	10.000	11.738	-17.4	80	-0.02
25 T	Ethyl Acetate	10.000	10.207	-2.1	70	-0.02
26 T	Hexane	10.000	9.691	3.1	70	-0.02
27 T	Carbon Disulfide	10.000	12.222	-22.2	81	-0.01
28 T	Methyl tert-Butyl Ether	10.000	11.231	-12.3	77	-0.02
29 T	Chloroform	10.000	11.062	-10.6	78	-0.02
30 T	Cyclohexane	10.000	9.872	1.3	72	-0.02
31 T	cis-1,2-Dichloroethene	10.000	7.828	21.7	55	-0.02
32 T	1,1,1-Trichloroethane	10.000	11.034	-10.3	78	-0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	69	-0.02
34 T	2-Butanone	10.000	11.408	-14.1	81	-0.02
35 T	Carbon Tetrachloride	10.000	10.832	-8.3	79	-0.02
36 T	Benzene	10.000	9.780	2.2	73	-0.02
37 T	1,2-Dichloroethane	10.000	11.562	-15.6	82	-0.02
38 T	Trichloroethene	10.000	9.479	5.2	72	-0.02
39 T	1,2-Dichloropropane	10.000	9.830	1.7	72	-0.02
40 T	1,4-Dioxane	10.000	5.670	43.3#	46	-0.02
41 T	Tetrahydrofuran	10.000	9.751	2.5	71	-0.02
42 T	Bromodichloromethane	10.000	10.942	-9.4	80	-0.02
43	Methyl Methacrylate	10.000	10.678	-6.8	74	-0.02
44 T	2,2,4-Trimethylpentane	10.000	9.590	4.1	74	-0.03
45 T	t-1,3-Dichloropropene	10.000	10.597	-6.0	68	-0.02
46 T	cis-1,3-Dichloropropene	10.000	10.144	-1.4	69	-0.02
47 T	1,1,2-Trichloroethane	10.000	10.136	-1.4	74	-0.02
48 T	Dibromochloromethane	10.000	10.764	-7.6	75	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.655	-6.5	74	-0.02
50 T	4-Methyl-2-Pentanone	10.000	10.273	-2.7	72	-0.02
51 T	2-Hexanone	10.000	10.700	-7.0	72	-0.02
52 T	Tetrachloroethene	10.000	5.223	47.8#	40	-0.03
53 T	Toluene	10.000	9.760	2.4	74	-0.02
54 T	1,2-Dibromoethane	10.000	10.411	-4.1	74	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	73	-0.02
56	1,1,1,2-Tetrachloroethane	10.000	9.949	0.5	76	-0.02
57 T	Chlorobenzene	10.000	9.255	7.4	72	-0.02
58 T	Ethyl Benzene	10.000	9.671	3.3	76	-0.02
59 T	m/p-Xylene	20.000	11.152	44.2#	45	-0.03
60 T	o-Xylene	10.000	9.630	3.7	77	-0.03
61 T	Styrene	10.000	9.635	3.7	71	-0.02
62	Isopropylbenzene	10.000	9.421	5.8	75	-0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	9.710	2.9	77	-0.02
64	n-propylbenzene	10.000	9.316	6.8	71	-0.02
65	tert-Butylbenzene	10.000	9.135	8.7	74	-0.02
66 T	Benzyl Chloride	10.000	6.887	31.1#	41	-0.02
67	sec-Butylbenzene	10.000	9.454	5.5	76	-0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.120	-1.2	74	-0.03
69	p-Isopropyltoluene	10.000	9.444	5.6	74	-0.02
70	n-Butylbenzene	10.000	10.244	-2.4	79	-0.03
71	2-Chlorotoluene	10.000	9.766	2.3	76	-0.02
72 T	4-Ethyltoluene	10.000	10.004	-0.0	75	-0.02
73 T	1,3,5-Trimethylbenzene	10.000	9.758	2.4	74	-0.02
74 T	1,2,4-Trimethylbenzene	10.000	9.752	2.5	77	-0.02
75 T	1,3-Dichlorobenzene	10.000	9.564	4.4	73	-0.03
76 T	1,4-Dichlorobenzene	10.000	9.385	6.2	72	-0.02
77 T	1,2-Dichlorobenzene	10.000	9.382	6.2	72	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	8.493	15.1	74	-0.02
79 T	Naphthalene	10.000	10.138	-1.4	68	-0.03
80 T	Naphthalene,2-methyl-	10.000	8.917	10.8	54	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.622	3.8	72	-0.03

(#) = Out of Range

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