

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090721\
 Data File : VL037561.D
 Acq On : 7 Sep 2021 21:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 08 11:12:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 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	114	0.02
2 T	Dichlorodifluoromethane	10.000	7.199	28.0	96	0.01
3	Chlorodifluoromethane	10.000	8.476	15.2	109	0.01
4	Chloromethane	10.000	8.138	18.6	97	0.02
5 T	Vinyl Chloride	10.000	7.803	22.0	100	0.01
6 T	Bromomethane	10.000	7.008	29.9	88	0.01
7	Chloroethane	10.000	7.596	24.0	94	0.02
8 T	Dichlorotetrafluoroethane	10.000	7.701	23.0	99	0.01
9 T	Propene	10.000	7.660	23.4	97	0.01
10 T	Heptane	10.000	8.789	12.1	106	0.03
11 T	Trichlorofluoromethane	10.000	7.998	20.0	103	0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	7.673	23.3	101	0.02
13	Ethanol	10.000	9.825	1.8	102	0.01
14 T	Bromoethene	10.000	7.913	20.9	97	0.02
15 T	Acetone	10.000	6.631	33.7#	96	0.02
16 T	1,3-Butadiene	10.000	8.962	10.4	109	0.01
17	tert-Butyl alcohol	10.000	7.459	25.4	85	0.01
18 T	1,1-Dichloroethene	10.000	7.891	21.1	100	0.02
19 T	Isopropyl Alcohol	10.000	7.519	24.8	87	0.01
20 T	Methylene Chloride	10.000	7.013	29.9	101	0.02
21 T	Allyl Chloride	10.000	7.038	29.6	85	0.02
22 T	trans-1,2-Dichloroethene	10.000	7.592	24.1	97	0.02
23 T	Vinyl Acetate	10.000	8.947	10.5	102	0.02
24 T	1,1-Dichloroethane	10.000	8.832	11.7	110	0.02
25 T	Ethyl Acetate	10.000	7.937	20.6	98	0.02
26 T	Hexane	10.000	8.040	19.6	103	0.02
27 T	Carbon Disulfide	10.000	8.413	15.9	95	0.02
28 T	Methyl tert-Butyl Ether	10.000	7.813	21.9	92	0.02
29 T	Chloroform	10.000	8.149	18.5	103	0.02
30 T	Cyclohexane	10.000	8.181	18.2	101	0.02
31 T	cis-1,2-Dichloroethene	10.000	8.181	18.2	97	0.02
32 T	1,1,1-Trichloroethane	10.000	7.784	22.2	97	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	112	0.02
34 T	2-Butanone	10.000	7.792	22.1	94	0.02
35 T	Carbon Tetrachloride	10.000	8.259	17.4	98	0.02
36 T	Benzene	10.000	8.511	14.9	102	0.02
37 T	1,2-Dichloroethane	10.000	8.290	17.1	99	0.02
38 T	Trichloroethene	10.000	8.223	17.8	104	0.02
39 T	1,2-Dichloropropane	10.000	8.468	15.3	101	0.02
40 T	1,4-Dioxane	10.000	8.021	19.8	90	0.02
41 T	Tetrahydrofuran	10.000	7.431	25.7	85	0.02
42 T	Bromodichloromethane	10.000	8.698	13.0	100	0.02
43	Methyl Methacrylate	10.000	9.117	8.8	104	0.02
44 T	2,2,4-Trimethylpentane	10.000	8.551	14.5	104	0.02
45 T	t-1,3-Dichloropropene	10.000	7.601	24.0	75	0.02
46 T	cis-1,3-Dichloropropene	10.000	8.059	19.4	86	0.02
47 T	1,1,2-Trichloroethane	10.000	8.475	15.3	104	0.02
48 T	Dibromochloromethane	10.000	9.237	7.6	101	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	9.873	1.3	104	0.02
50 T	4-Methyl-2-Pentanone	10.000	8.927	10.7	103	0.02
51 T	2-Hexanone	10.000	10.440	-4.4	119	0.02
52 T	Tetrachloroethene	10.000	7.777	22.2	101	0.02
53 T	Toluene	10.000	8.819	11.8	102	0.03
54 T	1,2-Dibromoethane	10.000	8.552	14.5	100	0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	117	0.02
56	1,1,1,2-Tetrachloroethane	10.000	8.617	13.8	107	0.02
57 T	Chlorobenzene	10.000	8.165	18.4	104	0.02
58 T	Ethyl Benzene	10.000	8.504	15.0	105	0.02
59 T	m/p-Xylene	20.000	16.699	16.5	103	0.02
60 T	o-Xylene	10.000	8.268	17.3	104	0.02
61 T	Styrene	10.000	8.951	10.5	100	0.02
62	Isopropylbenzene	10.000	8.524	14.8	107	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	8.587	14.1	110	0.02
64	n-propylbenzene	10.000	8.822	11.8	105	0.03
65	tert-Butylbenzene	10.000	8.399	16.0	107	0.02
66 T	Benzyl Chloride	10.000	5.742	42.6#	58	0.02
67	sec-Butylbenzene	10.000	8.416	15.8	108	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.474	-4.7	118	0.02
69	p-Isopropyltoluene	10.000	8.680	13.2	108	0.03
70	n-Butylbenzene	10.000	8.958	10.4	107	0.02
71	2-Chlorotoluene	10.000	8.699	13.0	108	0.02
72 T	4-Ethyltoluene	10.000	8.842	11.6	107	0.02
73 T	1,3,5-Trimethylbenzene	10.000	8.345	16.5	104	0.02
74 T	1,2,4-Trimethylbenzene	10.000	8.353	16.5	106	0.03
75 T	1,3-Dichlorobenzene	10.000	8.769	12.3	112	0.02
76 T	1,4-Dichlorobenzene	10.000	8.419	15.8	104	0.02
77 T	1,2-Dichlorobenzene	10.000	8.709	12.9	110	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.449	15.5	117	0.02
79 T	Naphthalene	10.000	10.635	-6.3	115	0.03
80 T	Naphthalene,2-methyl-	10.000	11.429	-14.3	100	0.02
81 T	1,2,4-Trichlorobenzene	10.000	10.023	-0.2	116	0.03

(#) = Out of Range

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