

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037736.D
 Acq On : 30 Sep 2021 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 01 01:17:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 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	74	0.00
2 T	Dichlorodifluoromethane	10.000	8.764	12.4	60	0.00
3	Chlorodifluoromethane	10.000	10.696	-7.0	86	0.00
4	Chloromethane	10.000	11.049	-10.5	87	0.00
5 T	Vinyl Chloride	10.000	11.831	-18.3	87	0.00
6 T	Bromomethane	10.000	10.815	-8.1	82	0.00
7	Chloroethane	10.000	10.729	-7.3	88	0.00
8 T	Dichlorotetrafluoroethane	10.000	11.029	-10.3	86	0.00
9 T	Propene	10.000	11.351	-13.5	92	0.00
10 T	Heptane	10.000	11.912	-19.1	87	0.00
11 T	Trichlorofluoromethane	10.000	10.702	-7.0	85	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.091	-10.9	89	0.00
13	Ethanol	10.000	11.457	-14.6	91	0.00
14 T	Bromoethene	10.000	11.086	-10.9	88	0.00
15 T	Acetone	10.000	9.120	8.8	88	0.00
16 T	1,3-Butadiene	10.000	11.419	-14.2	88	0.00
17	tert-Butyl alcohol	10.000	10.982	-9.8	80	0.00
18 T	1,1-Dichloroethene	10.000	10.817	-8.2	89	0.00
19 T	Isopropyl Alcohol	10.000	10.640	-6.4	84	0.00
20 T	Methylene Chloride	10.000	9.585	4.1	88	0.00
21 T	Allyl Chloride	10.000	11.253	-12.5	87	0.00
22 T	trans-1,2-Dichloroethene	10.000	11.148	-11.5	88	0.00
23 T	Vinyl Acetate	10.000	11.327	-13.3	82	0.00
24 T	1,1-Dichloroethane	10.000	10.707	-7.1	87	0.00
25 T	Ethyl Acetate	10.000	11.306	-13.1	86	0.00
26 T	Hexane	10.000	11.259	-12.6	84	0.00
27 T	Carbon Disulfide	10.000	12.128	-21.3	88	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.011	-10.1	86	0.00
29 T	Chloroform	10.000	10.804	-8.0	84	0.00
30 T	Cyclohexane	10.000	11.199	-12.0	86	0.00
31 T	cis-1,2-Dichloroethene	10.000	11.724	-17.2	86	0.00
32 T	1,1,1-Trichloroethane	10.000	11.060	-10.6	83	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	75	0.00
34 T	2-Butanone	10.000	10.640	-6.4	86	0.00
35 T	Carbon Tetrachloride	10.000	11.189	-11.9	84	0.00
36 T	Benzene	10.000	11.386	-13.9	87	0.00
37 T	1,2-Dichloroethane	10.000	11.030	-10.3	84	0.00
38 T	Trichloroethene	10.000	10.559	-5.6	84	0.00
39 T	1,2-Dichloropropane	10.000	11.431	-14.3	86	0.00
40 T	1,4-Dioxane	10.000	10.877	-8.8	77	0.00
41 T	Tetrahydrofuran	10.000	11.758	-17.6	86	0.00
42 T	Bromodichloromethane	10.000	11.470	-14.7	84	0.00
43	Methyl Methacrylate	10.000	12.187	-21.9	84	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.171	-11.7	86	0.00
45 T	t-1,3-Dichloropropene	10.000	14.004	-40.0#	87	0.00
46 T	cis-1,3-Dichloropropene	10.000	13.398	-34.0#	87	0.00
47 T	1,1,2-Trichloroethane	10.000	10.711	-7.1	83	0.00
48 T	Dibromochloromethane	10.000	12.054	-20.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	12.519	-25.2	80	0.00
50 T	4-Methyl-2-Pentanone	10.000	12.017	-20.2	87	0.00
51 T	2-Hexanone	10.000	12.903	-29.0	87	0.00
52 T	Tetrachloroethene	10.000	10.920	-9.2	85	0.00
53 T	Toluene	10.000	11.873	-18.7	86	0.00
54 T	1,2-Dibromoethane	10.000	11.238	-12.4	83	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	72	0.00
56	1,1,1,2-Tetrachloroethane	10.000	11.267	-12.7	81	0.00
57 T	Chlorobenzene	10.000	11.064	-10.6	83	0.00
58 T	Ethyl Benzene	10.000	12.027	-20.3	83	0.00
59 T	m/p-Xylene	20.000	23.135	-15.7	83	0.00
60 T	o-Xylene	10.000	11.202	-12.0	82	0.00
61 T	Styrene	10.000	13.307	-33.1#	83	0.00
62	Isopropylbenzene	10.000	11.278	-12.8	83	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	10.416	-4.2	83	0.00
64	n-propylbenzene	10.000	12.047	-20.5	83	0.00
65	tert-Butylbenzene	10.000	11.038	-10.4	84	0.00
66 T	Benzyl Chloride	10.000	14.262	-42.6#	95	0.00
67	sec-Butylbenzene	10.000	11.404	-14.0	85	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.628	-6.3	72	0.00
69	p-Isopropyltoluene	10.000	11.687	-16.9	85	0.00
70	n-Butylbenzene	10.000	12.010	-20.1	85	0.00
71	2-Chlorotoluene	10.000	11.800	-18.0	82	0.00
72 T	4-Ethyltoluene	10.000	11.968	-19.7	83	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.450	-14.5	82	0.00
74 T	1,2,4-Trimethylbenzene	10.000	11.344	-13.4	84	0.00
75 T	1,3-Dichlorobenzene	10.000	11.350	-13.5	84	0.00
76 T	1,4-Dichlorobenzene	10.000	11.155	-11.5	82	0.00
77 T	1,2-Dichlorobenzene	10.000	11.443	-14.4	85	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.824	1.8	85	0.00
79 T	Naphthalene	10.000	13.289	-32.9#	86	0.00
80 T	Naphthalene,2-methyl-	10.000	17.652	-76.5#	95	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.274	-22.7	86	0.02

(#) = Out of Range

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