

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092921\
 Data File : VL037729.D
 Acq On : 29 Sep 2021 12:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 29 23:01:29 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	77	0.02
2 T	Dichlorodifluoromethane	10.000	8.151	18.5	58	0.01
3	Chlorodifluoromethane	10.000	10.129	-1.3	85	0.01
4	Chloromethane	10.000	10.520	-5.2	86	0.01
5 T	Vinyl Chloride	10.000	10.707	-7.1	81	0.00
6 T	Bromomethane	10.000	9.808	1.9	77	0.00
7	Chloroethane	10.000	10.099	-1.0	86	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.530	-5.3	85	0.01
9 T	Propene	10.000	10.922	-9.2	92	0.01
10 T	Heptane	10.000	11.286	-12.9	85	0.01
11 T	Trichlorofluoromethane	10.000	10.287	-2.9	84	0.01
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.214	-2.1	85	0.02
13	Ethanol	10.000	9.987	0.1	82	0.02
14 T	Bromoethene	10.000	10.533	-5.3	86	0.02
15 T	Acetone	10.000	8.097	19.0	81	0.01
16 T	1,3-Butadiene	10.000	10.883	-8.8	87	0.01
17	tert-Butyl alcohol	10.000	11.710	-17.1	88	0.01
18 T	1,1-Dichloroethene	10.000	10.314	-3.1	88	0.01
19 T	Isopropyl Alcohol	10.000	10.648	-6.5	87	0.01
20 T	Methylene Chloride	10.000	9.092	9.1	87	0.01
21 T	Allyl Chloride	10.000	10.751	-7.5	86	0.02
22 T	trans-1,2-Dichloroethene	10.000	10.277	-2.8	85	0.01
23 T	Vinyl Acetate	10.000	10.514	-5.1	79	0.01
24 T	1,1-Dichloroethane	10.000	10.257	-2.6	87	0.01
25 T	Ethyl Acetate	10.000	11.022	-10.2	87	0.02
26 T	Hexane	10.000	10.880	-8.8	85	0.02
27 T	Carbon Disulfide	10.000	11.271	-12.7	85	0.01
28 T	Methyl tert-Butyl Ether	10.000	10.580	-5.8	85	0.01
29 T	Chloroform	10.000	10.147	-1.5	82	0.02
30 T	Cyclohexane	10.000	10.688	-6.9	85	0.02
31 T	cis-1,2-Dichloroethene	10.000	11.150	-11.5	85	0.01
32 T	1,1,1-Trichloroethane	10.000	10.469	-4.7	82	0.02
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	79	0.02
34 T	2-Butanone	10.000	9.910	0.9	84	0.02
35 T	Carbon Tetrachloride	10.000	10.338	-3.4	81	0.02
36 T	Benzene	10.000	10.774	-7.7	86	0.01
37 T	1,2-Dichloroethane	10.000	10.305	-3.0	83	0.02
38 T	Trichloroethene	10.000	9.944	0.6	83	0.01
39 T	1,2-Dichloropropane	10.000	10.900	-9.0	86	0.02
40 T	1,4-Dioxane	10.000	10.755	-7.6	79	0.01
41 T	Tetrahydrofuran	10.000	11.228	-12.3	86	0.02
42 T	Bromodichloromethane	10.000	10.648	-6.5	82	0.02
43	Methyl Methacrylate	10.000	11.759	-17.6	85	0.02
44 T	2,2,4-Trimethylpentane	10.000	10.715	-7.1	86	0.02
45 T	t-1,3-Dichloropropene	10.000	11.375	-13.8	74	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.215	-12.1	76	0.02
47 T	1,1,2-Trichloroethane	10.000	10.104	-1.0	82	0.01
48 T	Dibromochloromethane	10.000	11.261	-12.6	81	0.01
49 T	Bromoform	10.000	11.305	-13.0	76	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.597	-16.0	88	0.02
51 T	2-Hexanone	10.000	12.633	-26.3	89	0.02
52 T	Tetrachloroethene	10.000	10.283	-2.8	84	0.02
53 T	Toluene	10.000	11.198	-12.0	85	0.02
54 T	1,2-Dibromoethane	10.000	10.378	-3.8	80	0.02
55 I	Chlorobenzene-d5	10.000	10.000	0.0	74	0.01
56	1,1,1,2-Tetrachloroethane	10.000	10.616	-6.2	80	0.01
57 T	Chlorobenzene	10.000	10.203	-2.0	79	0.02
58 T	Ethyl Benzene	10.000	11.426	-14.3	82	0.02
59 T	m/p-Xylene	20.000	21.703	-8.5	81	0.01
60 T	o-Xylene	10.000	10.460	-4.6	79	0.02
61 T	Styrene	10.000	12.030	-20.3	78	0.02
62	Isopropylbenzene	10.000	10.760	-7.6	82	0.02
63 T	1,1,2,2-Tetrachloroethane	10.000	9.850	1.5	82	0.02
64	n-propylbenzene	10.000	11.085	-10.9	80	0.02
65	tert-Butylbenzene	10.000	10.491	-4.9	83	0.02
66 T	Benzyl Chloride	10.000	10.463	-4.6	73	0.02
67	sec-Butylbenzene	10.000	10.788	-7.9	84	0.02
68 S	1-Bromo-4-Fluorobenzene	10.000	10.619	-6.2	74	0.02
69	p-Isopropyltoluene	10.000	11.049	-10.5	83	0.02
70	n-Butylbenzene	10.000	11.244	-12.4	82	0.02
71	2-Chlorotoluene	10.000	10.893	-8.9	79	0.02
72 T	4-Ethyltoluene	10.000	11.570	-15.7	83	0.02
73 T	1,3,5-Trimethylbenzene	10.000	11.023	-10.2	82	0.02
74 T	1,2,4-Trimethylbenzene	10.000	10.628	-6.3	82	0.02
75 T	1,3-Dichlorobenzene	10.000	10.546	-5.5	81	0.02
76 T	1,4-Dichlorobenzene	10.000	10.339	-3.4	79	0.02
77 T	1,2-Dichlorobenzene	10.000	10.649	-6.5	83	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	9.515	4.8	86	0.02
79 T	Naphthalene	10.000	12.831	-28.3	86	0.03
80 T	Naphthalene,2-methyl-	10.000	15.407	-54.1#	86	0.02
81 T	1,2,4-Trichlorobenzene	10.000	12.028	-20.3	88	0.03

(#) = Out of Range

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