

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032921\
 Data File : VL036557.D
 Acq On : 30 Mar 2021 3:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 30 12:09:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 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	93	-0.02
2 T	Dichlorodifluoromethane	10.000	8.838	11.6	88	-0.01
3	Chlorodifluoromethane	10.000	8.944	10.6	92	-0.01
4	Chloromethane	10.000	8.484	15.2	84	-0.02
5 T	Vinyl Chloride	10.000	8.449	15.5	85	-0.02
6 T	Bromomethane	10.000	8.458	15.4	83	-0.01
7	Chloroethane	10.000	8.774	12.3	90	-0.02
8 T	Dichlorotetrafluoroethane	10.000	8.540	14.6	86	-0.01
9 T	Propene	10.000	8.230	17.7	80	-0.01
10 T	Heptane	10.000	8.885	11.2	85	-0.03
11 T	Trichlorofluoromethane	10.000	8.636	13.6	87	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.754	12.5	86	-0.02
13	Ethanol	10.000	6.321	36.8#	60	-0.01
14 T	Bromoethene	10.000	8.888	11.1	85	-0.02
15 T	Acetone	10.000	8.561	14.4	91	-0.02
16 T	1,3-Butadiene	10.000	8.719	12.8	85	-0.01
17	tert-Butyl alcohol	10.000	7.591	24.1	73	-0.02
18 T	1,1-Dichloroethene	10.000	8.308	16.9	81	-0.02
19 T	Isopropyl Alcohol	10.000	6.115	38.8#	60	-0.02
20 T	Methylene Chloride	10.000	7.857	21.4	84	-0.02
21 T	Allyl Chloride	10.000	8.211	17.9	77	-0.02
22 T	trans-1,2-Dichloroethene	10.000	8.514	14.9	81	-0.02
23 T	Vinyl Acetate	10.000	8.656	13.4	81	-0.02
24 T	1,1-Dichloroethane	10.000	8.782	12.2	85	-0.02
25 T	Ethyl Acetate	10.000	8.304	17.0	82	-0.02
26 T	Hexane	10.000	8.548	14.5	83	-0.02
27 T	Carbon Disulfide	10.000	9.128	8.7	83	-0.02
28 T	Methyl tert-Butyl Ether	10.000	8.019	19.8	75	-0.02
29 T	Chloroform	10.000	8.642	13.6	87	-0.02
30 T	Cyclohexane	10.000	8.770	12.3	82	-0.03
31 T	cis-1,2-Dichloroethene	10.000	8.633	13.7	80	-0.02
32 T	1,1,1-Trichloroethane	10.000	8.585	14.1	85	-0.03
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	89	-0.02
34 T	2-Butanone	10.000	7.834	21.7	74	-0.02
35 T	Carbon Tetrachloride	10.000	8.690	13.1	87	-0.02
36 T	Benzene	10.000	8.848	11.5	84	-0.03
37 T	1,2-Dichloroethane	10.000	8.784	12.2	83	-0.02
38 T	Trichloroethene	10.000	8.080	19.2	83	-0.03
39 T	1,2-Dichloropropane	10.000	8.721	12.8	83	-0.03
40 T	1,4-Dioxane	10.000	6.785	32.1#	67	-0.02
41 T	Tetrahydrofuran	10.000	7.340	26.6	64	-0.02
42 T	Bromodichloromethane	10.000	9.223	7.8	85	-0.03
43	Methyl Methacrylate	10.000	10.048	-0.5	86	-0.02
44 T	2,2,4-Trimethylpentane	10.000	8.657	13.4	86	-0.03
45 T	t-1,3-Dichloropropene	10.000	7.751	22.5	63	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	7.885	21.2	67	-0.03
47 T	1,1,2-Trichloroethane	10.000	8.878	11.2	86	-0.02
48 T	Dibromochloromethane	10.000	9.347	6.5	83	-0.03
49 T	Bromoform	10.000	9.688	3.1	84	-0.03
50 T	4-Methyl-2-Pentanone	10.000	8.605	13.9	77	-0.03
51 T	2-Hexanone	10.000	8.913	10.9	72	-0.02
52 T	Tetrachloroethene	10.000	8.163	18.4	82	-0.03
53 T	Toluene	10.000	9.292	7.1	83	-0.03
54 T	1,2-Dibromoethane	10.000	8.905	11.0	84	-0.03
55 I	Chlorobenzene-d5	10.000	10.000	0.0	95	-0.03
56	1,1,1,2-Tetrachloroethane	10.000	8.869	11.3	88	-0.03
57 T	Chlorobenzene	10.000	8.283	17.2	86	-0.03
58 T	Ethyl Benzene	10.000	8.926	10.7	86	-0.03
59 T	m/p-Xylene	20.000	17.558	12.2	87	-0.03
60 T	o-Xylene	10.000	8.631	13.7	88	-0.03
61 T	Styrene	10.000	9.150	8.5	78	-0.03
62	Isopropylbenzene	10.000	8.717	12.8	88	-0.03
63 T	1,1,2,2-Tetrachloroethane	10.000	8.244	17.6	91	-0.03
64	n-propylbenzene	10.000	9.412	5.9	91	-0.03
65	tert-Butylbenzene	10.000	8.739	12.6	89	-0.02
66 T	Benzyl Chloride	10.000	9.112	8.9	79	-0.03
67	sec-Butylbenzene	10.000	8.758	12.4	90	-0.03
68 S	1-Bromo-4-Fluorobenzene	10.000	10.492	-4.9	95	-0.03
69	p-Isopropyltoluene	10.000	9.237	7.6	91	-0.03
70	n-Butylbenzene	10.000	9.273	7.3	92	-0.03
71	2-Chlorotoluene	10.000	9.165	8.4	90	-0.03
72 T	4-Ethyltoluene	10.000	9.259	7.4	89	-0.03
73 T	1,3,5-Trimethylbenzene	10.000	8.776	12.2	86	-0.03
74 T	1,2,4-Trimethylbenzene	10.000	8.597	14.0	89	-0.03
75 T	1,3-Dichlorobenzene	10.000	8.749	12.5	89	-0.03
76 T	1,4-Dichlorobenzene	10.000	8.525	14.7	88	-0.03
77 T	1,2-Dichlorobenzene	10.000	8.888	11.1	90	-0.03
78 T	Hexachloro-1,3-Butadiene	10.000	7.672	23.3	89	-0.03
79 T	Naphthalene	10.000	9.317	6.8	75	-0.03
80 T	Naphthalene,2-methyl-	10.000	6.261	37.4#	38	-0.02
81 T	1,2,4-Trichlorobenzene	10.000	9.335	6.6	84	-0.03

(#) = Out of Range

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