

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL021820\
 Data File : VL034619.D
 Acq On : 18 Feb 2020 9:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 19 06:11:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 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	84	0.00
2 T	Dichlorodifluoromethane	10.000	9.530	4.7	93	0.00
3	Chlorodifluoromethane	10.000	9.657	3.4	91	0.00
4	Chloromethane	10.000	9.649	3.5	92	0.00
5 T	Vinyl Chloride	10.000	9.762	2.4	94	0.00
6 T	Bromomethane	10.000	9.906	0.9	91	0.00
7	Chloroethane	10.000	9.752	2.5	92	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.612	3.9	94	0.00
9 T	Propene	10.000	9.826	1.7	92	0.00
10 T	Heptane	10.000	10.474	-4.7	89	0.00
11 T	Trichlorofluoromethane	10.000	9.877	1.2	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	10.032	-0.3	95	0.00
13	Ethanol	10.000	7.913	20.9	85	0.00
14 T	Bromoethene	10.000	10.336	-3.4	93	0.00
15 T	Acetone	10.000	9.384	6.2	95	0.00
16 T	1,3-Butadiene	10.000	10.418	-4.2	92	0.00
17	tert-Butyl alcohol	10.000	10.268	-2.7	90	0.00
18 T	1,1-Dichloroethene	10.000	10.556	-5.6	96	0.00
19 T	Isopropyl Alcohol	10.000	9.899	1.0	91	0.00
20 T	Methylene Chloride	10.000	9.151	8.5	95	0.00
21 T	Allyl Chloride	10.000	10.490	-4.9	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.473	-4.7	95	0.00
23 T	Vinyl Acetate	10.000	10.342	-3.4	91	0.00
24 T	1,1-Dichloroethane	10.000	9.882	1.2	92	0.00
25 T	Ethyl Acetate	10.000	9.724	2.8	90	0.00
26 T	Hexane	10.000	9.784	2.2	89	0.00
27 T	Carbon Disulfide	10.000	11.215	-12.1	94	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.373	-3.7	93	0.00
29 T	Chloroform	10.000	9.508	4.9	89	0.00
30 T	Cyclohexane	10.000	10.515	-5.2	90	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.376	-3.8	91	0.00
32 T	1,1,1-Trichloroethane	10.000	9.389	6.1	91	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	85	0.00
34 T	2-Butanone	10.000	9.834	1.7	91	0.00
35 T	Carbon Tetrachloride	10.000	9.954	0.5	92	0.00
36 T	Benzene	10.000	10.214	-2.1	90	0.00
37 T	1,2-Dichloroethane	10.000	9.870	1.3	92	0.00
38 T	Trichloroethene	10.000	10.521	-5.2	90	0.00
39 T	1,2-Dichloropropane	10.000	9.942	0.6	90	0.00
40 T	1,4-Dioxane	10.000	10.309	-3.1	93	0.00
41 T	Tetrahydrofuran	10.000	10.247	-2.5	90	0.00
42 T	Bromodichloromethane	10.000	10.147	-1.5	91	0.00
43	Methyl Methacrylate	10.000	10.868	-8.7	92	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.061	-0.6	91	0.00
45 T	t-1,3-Dichloropropene	10.000	11.961	-19.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.508	-15.1	90	0.00
47 T	1,1,2-Trichloroethane	10.000	9.971	0.3	90	0.00
48 T	Dibromochloromethane	10.000	10.791	-7.9	91	0.00
49 T	Bromoform	10.000	11.009	-10.1	91	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.184	-1.8	89	0.00
51 T	2-Hexanone	10.000	10.923	-9.2	90	0.00
52 T	Tetrachloroethene	10.000	10.147	-1.5	93	0.00
53 T	Toluene	10.000	10.994	-9.9	91	0.00
54 T	1,2-Dibromoethane	10.000	10.299	-3.0	92	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.878	1.2	90	0.00
57 T	Chlorobenzene	10.000	9.918	0.8	93	0.00
58 T	Ethyl Benzene	10.000	10.463	-4.6	91	0.00
59 T	m/p-Xylene	20.000	20.303	-1.5	92	0.00
60 T	o-Xylene	10.000	10.138	-1.4	91	0.00
61 T	Styrene	10.000	11.047	-10.5	90	0.00
62	Isopropylbenzene	10.000	10.037	-0.4	91	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.994	10.1	89	0.00
64	n-propylbenzene	10.000	10.100	-1.0	89	0.00
65	tert-Butylbenzene	10.000	9.947	0.5	91	0.00
66 T	Benzyl Chloride	10.000	11.653	-16.5	89	0.00
67	sec-Butylbenzene	10.000	9.863	1.4	92	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.023	-0.2	86	0.00
69	p-Isopropyltoluene	10.000	10.141	-1.4	91	0.00
70	n-Butylbenzene	10.000	9.938	0.6	91	0.00
71	2-Chlorotoluene	10.000	10.291	-2.9	90	0.00
72 T	4-Ethyltoluene	10.000	10.359	-3.6	92	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.190	-1.9	91	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.617	3.8	91	0.00
75 T	1,3-Dichlorobenzene	10.000	9.403	6.0	91	0.00
76 T	1,4-Dichlorobenzene	10.000	9.482	5.2	91	0.00
77 T	1,2-Dichlorobenzene	10.000	9.235	7.7	90	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.001	10.0	91	0.00
79 T	Naphthalene	10.000	10.307	-3.1	91	0.00
80 T	Naphthalene,2-methyl-	10.000	13.671	-36.7#	98	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.187	-1.9	92	0.00

(#) = Out of Range

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