

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL021920\
 Data File : VL034665.D
 Acq On : 20 Feb 2020 9:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 20 15:10:11 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	72	0.00
2 T	Dichlorodifluoromethane	10.000	7.585	24.1	64	0.00
3	Chlorodifluoromethane	10.000	11.428	-14.3	93	0.00
4	Chloromethane	10.000	11.373	-13.7	93	0.00
5 T	Vinyl Chloride	10.000	11.402	-14.0	94	0.00
6 T	Bromomethane	10.000	12.249	-22.5	97	0.00
7	Chloroethane	10.000	11.705	-17.1	94	0.00
8 T	Dichlorotetrafluoroethane	10.000	11.459	-14.6	96	0.00
9 T	Propene	10.000	11.033	-10.3	88	0.00
10 T	Heptane	10.000	11.808	-18.1	86	0.00
11 T	Trichlorofluoromethane	10.000	11.930	-19.3	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	12.282	-22.8	99	0.00
13	Ethanol	10.000	10.892	-8.9	100	0.00
14 T	Bromoethene	10.000	12.228	-22.3	95	0.00
15 T	Acetone	10.000	11.154	-11.5	96	0.00
16 T	1,3-Butadiene	10.000	12.237	-22.4	92	0.00
17	tert-Butyl alcohol	10.000	14.175	-41.8#	107	0.00
18 T	1,1-Dichloroethene	10.000	12.705	-27.1	99	0.00
19 T	Isopropyl Alcohol	10.000	13.867	-38.7#	109	0.00
20 T	Methylene Chloride	10.000	10.827	-8.3	96	0.00
21 T	Allyl Chloride	10.000	12.541	-25.4	96	0.00
22 T	trans-1,2-Dichloroethene	10.000	12.545	-25.4	98	0.00
23 T	Vinyl Acetate	10.000	11.539	-15.4	87	0.00
24 T	1,1-Dichloroethane	10.000	11.532	-15.3	92	0.00
25 T	Ethyl Acetate	10.000	11.303	-13.0	90	0.00
26 T	Hexane	10.000	11.502	-15.0	90	0.00
27 T	Carbon Disulfide	10.000	13.591	-35.9#	97	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.681	-16.8	89	0.00
29 T	Chloroform	10.000	11.395	-13.9	92	0.00
30 T	Cyclohexane	10.000	12.451	-24.5	91	-0.01
31 T	cis-1,2-Dichloroethene	10.000	11.869	-18.7	89	0.00
32 T	1,1,1-Trichloroethane	10.000	11.129	-11.3	93	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	74	0.00
34 T	2-Butanone	10.000	11.083	-10.8	88	0.00
35 T	Carbon Tetrachloride	10.000	11.793	-17.9	94	0.00
36 T	Benzene	10.000	11.836	-18.4	90	0.00
37 T	1,2-Dichloroethane	10.000	11.627	-16.3	94	0.00
38 T	Trichloroethene	10.000	12.412	-24.1	92	0.00
39 T	1,2-Dichloropropane	10.000	11.417	-14.2	89	0.00
40 T	1,4-Dioxane	10.000	12.517	-25.2	97	0.00
41 T	Tetrahydrofuran	10.000	11.535	-15.4	87	0.00
42 T	Bromodichloromethane	10.000	11.866	-18.7	92	0.00
43	Methyl Methacrylate	10.000	12.541	-25.4	91	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.684	-16.8	91	0.00
45 T	t-1,3-Dichloropropene	10.000	13.498	-35.0#	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	13.349	-33.5#	91	0.00
47 T	1,1,2-Trichloroethane	10.000	11.767	-17.7	92	0.00
48 T	Dibromochloromethane	10.000	12.475	-24.7	91	0.00
49 T	Bromoform	10.000	12.704	-27.0	90	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.713	-17.1	88	0.00
51 T	2-Hexanone	10.000	12.208	-22.1	87	0.00
52 T	Tetrachloroethene	10.000	11.774	-17.7	93	-0.01
53 T	Toluene	10.000	12.681	-26.8	91	0.00
54 T	1,2-Dibromoethane	10.000	11.868	-18.7	91	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	76	0.00
56	1,1,1,2-Tetrachloroethane	10.000	11.061	-10.6	92	-0.01
57 T	Chlorobenzene	10.000	10.982	-9.8	93	0.00
58 T	Ethyl Benzene	10.000	11.570	-15.7	92	0.00
59 T	m/p-Xylene	20.000	22.332	-11.7	92	0.00
60 T	o-Xylene	10.000	11.274	-12.7	93	-0.01
61 T	Styrene	10.000	12.142	-21.4	90	0.00
62	Isopropylbenzene	10.000	11.210	-12.1	93	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	10.124	-1.2	91	0.00
64	n-propylbenzene	10.000	11.082	-10.8	89	0.00
65	tert-Butylbenzene	10.000	11.368	-13.7	94	-0.01
66 T	Benzyl Chloride	10.000	12.966	-29.7	91	0.00
67	sec-Butylbenzene	10.000	11.166	-11.7	94	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.490	5.1	74	0.00
69	p-Isopropyltoluene	10.000	11.602	-16.0	94	0.00
70	n-Butylbenzene	10.000	11.385	-13.8	95	0.00
71	2-Chlorotoluene	10.000	11.265	-12.7	90	0.00
72 T	4-Ethyltoluene	10.000	11.455	-14.6	92	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.418	-14.2	93	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.932	-9.3	94	-0.01
75 T	1,3-Dichlorobenzene	10.000	10.613	-6.1	94	0.00
76 T	1,4-Dichlorobenzene	10.000	10.763	-7.6	94	0.00
77 T	1,2-Dichlorobenzene	10.000	10.495	-4.9	93	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.405	-4.0	96	0.00
79 T	Naphthalene	10.000	11.865	-18.7	95	0.00
80 T	Naphthalene,2-methyl-	10.000	16.576	-65.8#	109	0.00
81 T	1,2,4-Trichlorobenzene	10.000	11.753	-17.5	97	0.00

(#) = Out of Range

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