

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031819\
 Data File : VL033359.D
 Acq On : 18 Mar 2019 14:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 19 07:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 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	92	0.00
2 T	Dichlorodifluoromethane	10.000	7.768	22.3	74	0.00
3	Chlorodifluoromethane	10.000	10.060	-0.6	98	0.00
4	Chloromethane	10.000	9.977	0.2	99	0.00
5 T	Vinyl Chloride	10.000	9.642	3.6	101	0.00
6 T	Bromomethane	10.000	10.267	-2.7	98	0.00
7	Chloroethane	10.000	10.213	-2.1	101	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.074	-0.7	99	0.00
9 T	Propene	10.000	9.667	3.3	98	0.00
10 T	Heptane	10.000	10.082	-0.8	95	0.00
11 T	Trichlorofluoromethane	10.000	9.961	0.4	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.803	2.0	96	0.00
13	Ethanol	10.000	4.806	51.9#	103	0.00
14 T	Bromoethene	10.000	10.206	-2.1	99	0.00
15 T	Acetone	10.000	7.158	28.4	95	0.00
16 T	1,3-Butadiene	10.000	10.867	-8.7	106	0.00
17	tert-Butyl alcohol	10.000	11.145	-11.4	117	0.00
18 T	1,1-Dichloroethene	10.000	9.609	3.9	95	0.00
19 T	Isopropyl Alcohol	10.000	11.195	-12.0	119	0.00
20 T	Methylene Chloride	10.000	8.264	17.4	93	0.00
21 T	Allyl Chloride	10.000	10.275	-2.8	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.046	-0.5	96	0.00
23 T	Vinyl Acetate	10.000	10.180	-1.8	96	0.00
24 T	1,1-Dichloroethane	10.000	9.969	0.3	97	0.00
25 T	Ethyl Acetate	10.000	9.581	4.2	95	0.00
26 T	Hexane	10.000	9.464	5.4	95	0.00
27 T	Carbon Disulfide	10.000	10.925	-9.3	96	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.154	-1.5	96	0.00
29 T	Chloroform	10.000	9.977	0.2	97	0.00
30 T	Cyclohexane	10.000	9.978	0.2	94	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.137	-1.4	95	0.00
32 T	1,1,1-Trichloroethane	10.000	10.040	-0.4	94	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	90	0.00
34 T	2-Butanone	10.000	9.566	4.3	94	0.00
35 T	Carbon Tetrachloride	10.000	10.622	-6.2	96	0.00
36 T	Benzene	10.000	9.913	0.9	93	0.00
37 T	1,2-Dichloroethane	10.000	9.823	1.8	94	0.00
38 T	Trichloroethene	10.000	9.993	0.1	95	0.00
39 T	1,2-Dichloropropane	10.000	10.075	-0.7	94	0.00
40 T	1,4-Dioxane	10.000	9.943	0.6	96	0.00
41 T	Tetrahydrofuran	10.000	10.266	-2.7	92	0.00
42 T	Bromodichloromethane	10.000	10.426	-4.3	94	0.00
43	Methyl Methacrylate	10.000	10.438	-4.4	93	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.116	-1.2	95	0.00
45 T	t-1,3-Dichloropropene	10.000	11.501	-15.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	10.989	-9.9	92	0.00
47 T	1,1,2-Trichloroethane	10.000	10.089	-0.9	92	0.00
48 T	Dibromochloromethane	10.000	10.835	-8.4	86	0.00
49 T	Bromoform	10.000	11.549	-15.5	97	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.976	0.2	93	0.00
51 T	2-Hexanone	10.000	10.280	-2.8	93	0.00
52 T	Tetrachloroethene	10.000	9.909	0.9	93	0.00
53 T	Toluene	10.000	10.371	-3.7	93	0.00
54 T	1,2-Dibromoethane	10.000	9.471	5.3	84	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.928	0.7	98	0.00
57 T	Chlorobenzene	10.000	9.182	8.2	95	0.00
58 T	Ethyl Benzene	10.000	9.798	2.0	96	0.00
59 T	m/p-Xylene	20.000	19.152	4.2	96	0.00
60 T	o-Xylene	10.000	9.705	2.9	98	0.00
61 T	Styrene	10.000	10.119	-1.2	95	0.00
62	Isopropylbenzene	10.000	9.705	2.9	97	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.235	7.7	98	0.00
64	n-propylbenzene	10.000	9.788	2.1	97	0.00
65	tert-Butylbenzene	10.000	9.591	4.1	96	0.00
66 T	Benzyl Chloride	10.000	11.828	-18.3	89	0.00
67	sec-Butylbenzene	10.000	9.669	3.3	96	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.616	3.8	93	0.00
69	p-Isopropyltoluene	10.000	9.766	2.3	95	0.00
70	n-Butylbenzene	10.000	9.694	3.1	97	0.00
71	2-Chlorotoluene	10.000	9.662	3.4	96	0.00
72 T	4-Ethyltoluene	10.000	9.930	0.7	96	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.724	2.8	96	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.403	6.0	96	0.00
75 T	1,3-Dichlorobenzene	10.000	9.134	8.7	94	0.00
76 T	1,4-Dichlorobenzene	10.000	9.437	5.6	94	0.00
77 T	1,2-Dichlorobenzene	10.000	9.388	6.1	95	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	7.819	21.8	86	0.00
79 T	Naphthalene	10.000	8.889	11.1	88	0.00
80 T	Naphthalene,2-methyl-	10.000	7.800	22.0	73	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.034	9.7	92	0.00

(#) = Out of Range

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