

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033069.D
 Acq On : 4 Jan 2019 14:50
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010419

Quant Time: Jan 05 01:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
 QLast Update : Fri Jan 04 16:09:05 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	100	0.00
2 T	Dichlorodifluoromethane	10.000	6.999	30.0#	68	0.00
3	Chlorodifluoromethane	10.000	10.888	-8.9	118	0.00
4	Chloromethane	10.000	10.675	-6.8	126	0.00
5 T	Vinyl Chloride	10.000	10.652	-6.5	121	0.00
6 T	Bromomethane	10.000	10.070	-0.7	115	0.00
7	Chloroethane	10.000	10.205	-2.1	120	0.00
8 T	Dichlorotetrafluoroethane	10.000	10.627	-6.3	115	0.00
9 T	Propene	10.000	12.513	-25.1	134	0.00
10 T	Heptane	10.000	9.909	0.9	106	0.00
11 T	Trichlorofluoromethane	10.000	8.579	14.2	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.682	13.2	99	0.00
13	Ethanol	10.000	8.969	10.3	145	0.00
14 T	Bromoethene	10.000	9.823	1.8	113	0.00
15 T	Acetone	10.000	8.488	15.1	112	0.00
16 T	1,3-Butadiene	10.000	10.721	-7.2	121	0.00
17	tert-Butyl alcohol	10.000	10.862	-8.6	125	0.00
18 T	1,1-Dichloroethene	10.000	9.289	7.1	108	0.00
19 T	Isopropyl Alcohol	10.000	10.144	-1.4	142	0.00
20 T	Methylene Chloride	10.000	7.990	20.1	104	0.00
21 T	Allyl Chloride	10.000	9.794	2.1	105	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.554	14.5	99	0.00
23 T	Vinyl Acetate	10.000	9.599	4.0	106	0.00
24 T	1,1-Dichloroethane	10.000	8.595	14.0	104	0.00
25 T	Ethyl Acetate	10.000	8.793	12.1	102	0.00
26 T	Hexane	10.000	8.589	14.1	102	0.00
27 T	Carbon Disulfide	10.000	9.430	5.7	99	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.496	5.0	108	0.00
29 T	Chloroform	10.000	8.383	16.2	98	0.00
30 T	Cyclohexane	10.000	10.113	-1.1	106	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.846	1.5	109	0.00
32 T	1,1,1-Trichloroethane	10.000	8.609	13.9	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	105	0.00
34 T	2-Butanone	10.000	8.837	11.6	105	0.00
35 T	Carbon Tetrachloride	10.000	8.103	19.0	97	0.00
36 T	Benzene	10.000	9.447	5.5	107	0.00
37 T	1,2-Dichloroethane	10.000	8.412	15.9	98	0.00
38 T	Trichloroethene	10.000	9.695	3.0	107	0.00
39 T	1,2-Dichloropropane	10.000	9.485	5.2	109	0.00
40 T	1,4-Dioxane	10.000	8.752	12.5	106	0.00
41 T	Tetrahydrofuran	10.000	9.984	0.2	109	0.00
42 T	Bromodichloromethane	10.000	8.799	12.0	103	0.00
43	Methyl Methacrylate	10.000	10.276	-2.8	107	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.337	6.6	106	0.00
45 T	t-1,3-Dichloropropene	10.000	11.676	-16.8	108	0.00

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46 T	cis-1,3-Dichloropropene	10.000	11.587	-15.9	109	0.00
47 T	1,1,2-Trichloroethane	10.000	9.165	8.4	106	0.00
48 T	Dibromochloromethane	10.000	9.753	2.5	104	0.00
49 T	Bromoform	10.000	9.387	6.1	102	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.080	-0.8	106	0.00
51 T	2-Hexanone	10.000	10.870	-8.7	107	0.00
52 T	Tetrachloroethene	10.000	10.200	-2.0	109	0.00
53 T	Toluene	10.000	10.512	-5.1	106	0.00
54 T	1,2-Dibromoethane	10.000	10.245	-2.4	108	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	10.000	8.734	12.7	103	0.00
57 T	Chlorobenzene	10.000	9.047	9.5	106	0.00
58 T	Ethyl Benzene	10.000	10.360	-3.6	105	0.00
59 T	m/p-Xylene	20.000	18.868	5.7	103	0.03
60 T	o-Xylene	10.000	9.326	6.7	101	0.00
61 T	Styrene	10.000	11.093	-10.9	105	0.00
62	Isopropylbenzene	10.000	9.391	6.1	105	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.475	15.3	101	0.00
64	n-propylbenzene	10.000	9.441	5.6	105	0.00
65	tert-Butylbenzene	10.000	9.307	6.9	104	0.00
66 T	Benzyl Chloride	10.000	10.074	-0.7	104	0.00
67	sec-Butylbenzene	10.000	9.062	9.4	101	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.187	-1.9	105	0.00
69	p-Isopropyltoluene	10.000	9.259	7.4	102	0.00
70	n-Butylbenzene	10.000	9.297	7.0	103	0.00
71	2-Chlorotoluene	10.000	9.818	1.8	104	0.00
72 T	4-Ethyltoluene	10.000	9.966	0.3	105	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.529	4.7	104	0.00
74 T	1,2,4-Trimethylbenzene	10.000	8.779	12.2	102	0.00
75 T	1,3-Dichlorobenzene	10.000	8.421	15.8	103	0.00
76 T	1,4-Dichlorobenzene	10.000	9.101	9.0	104	0.00
77 T	1,2-Dichlorobenzene	10.000	8.907	10.9	103	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.020	9.8	139	0.00
79 T	Naphthalene	10.000	10.346	-3.5	107	0.00
80 T	Naphthalene,2-methyl-	10.000	15.161	-51.6#	127	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.048	-0.5	108	0.00

(#) = Out of Range

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