

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL021419\
 Data File : VL033231.D
 Acq On : 15 Feb 2019 14:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 02:43:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019
 QLast Update : Wed Feb 20 06:00:52 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	82	0.00
2 T	Dichlorodifluoromethane	10.000	9.792	2.1	85	0.00
3	Chlorodifluoromethane	10.000	9.871	1.3	87	0.00
4	Chloromethane	10.000	9.805	2.0	85	0.00
5 T	Vinyl Chloride	10.000	9.038	9.6	86	0.00
6 T	Bromomethane	10.000	10.018	-0.2	87	0.00
7	Chloroethane	10.000	10.401	-4.0	91	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.790	2.1	90	0.00
9 T	Propene	10.000	8.967	10.3	81	0.00
10 T	Heptane	10.000	8.856	11.4	81	0.00
11 T	Trichlorofluoromethane	10.000	10.415	-4.1	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.851	1.5	87	0.00
13	Ethanol	10.000	5.747	42.5#	72	0.00
14 T	Bromoethene	10.000	9.998	0.0	87	0.00
15 T	Acetone	10.000	9.347	6.5	90	0.00
16 T	1,3-Butadiene	10.000	9.902	1.0	87	0.00
17	tert-Butyl alcohol	10.000	9.006	9.9	76	0.00
18 T	1,1-Dichloroethene	10.000	9.730	2.7	83	0.00
19 T	Isopropyl Alcohol	10.000	8.594	14.1	82	0.00
20 T	Methylene Chloride	10.000	8.915	10.9	84	0.00
21 T	Allyl Chloride	10.000	10.039	-0.4	84	0.00
22 T	trans-1,2-Dichloroethene	10.000	12.063	-20.6	103	0.00
23 T	Vinyl Acetate	10.000	11.444	-14.4	99	0.00
24 T	1,1-Dichloroethane	10.000	10.997	-10.0	100	0.00
25 T	Ethyl Acetate	10.000	10.210	-2.1	99	0.00
26 T	Hexane	10.000	9.556	4.4	95	0.00
27 T	Carbon Disulfide	10.000	10.808	-8.1	86	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.656	-6.6	95	0.00
29 T	Chloroform	10.000	10.343	-3.4	97	0.00
30 T	Cyclohexane	10.000	8.594	14.1	77	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.269	-2.7	95	0.00
32 T	1,1,1-Trichloroethane	10.000	9.279	7.2	99	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	64	0.00
34 T	2-Butanone	10.000	12.473	-24.7	96	0.00
35 T	Carbon Tetrachloride	10.000	11.420	-14.2	86	0.00
36 T	Benzene	10.000	10.373	-3.7	86	0.00
37 T	1,2-Dichloroethane	10.000	12.003	-20.0	102	0.00
38 T	Trichloroethene	10.000	9.071	9.3	80	0.00
39 T	1,2-Dichloropropane	10.000	10.290	-2.9	78	0.00
40 T	1,4-Dioxane	10.000	9.717	2.8	78	0.00
41 T	Tetrahydrofuran	10.000	11.287	-12.9	91	0.00
42 T	Bromodichloromethane	10.000	11.593	-15.9	85	0.00
43	Methyl Methacrylate	10.000	10.959	-9.6	80	0.00
44 T	2,2,4-Trimethylpentane	10.000	10.558	-5.6	83	0.00
45 T	t-1,3-Dichloropropene	10.000	13.090	-30.9#	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.567	-15.7	79	0.00
47 T	1,1,2-Trichloroethane	10.000	10.474	-4.7	79	0.00
48 T	Dibromochloromethane	10.000	12.098	-21.0	85	0.00
49 T	Bromoform	10.000	12.493	-24.9	86	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.190	-11.9	83	0.00
51 T	2-Hexanone	10.000	11.309	-13.1	82	0.00
52 T	Tetrachloroethene	10.000	9.833	1.7	80	0.00
53 T	Toluene	10.000	10.334	-3.3	77	0.00
54 T	1,2-Dibromoethane	10.000	10.948	-9.5	82	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	72	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.748	-7.5	85	0.00
57 T	Chlorobenzene	10.000	9.565	4.4	81	0.00
58 T	Ethyl Benzene	10.000	9.788	2.1	80	0.00
59 T	m/p-Xylene	20.000	19.599	2.0	83	0.00
60 T	o-Xylene	10.000	9.955	0.4	85	0.00
61 T	Styrene	10.000	9.817	1.8	79	0.00
62	Isopropylbenzene	10.000	9.829	1.7	82	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.921	10.8	86	0.00
64	n-propylbenzene	10.000	9.800	2.0	81	0.00
65	tert-Butylbenzene	10.000	9.998	0.0	84	0.00
66 T	Benzyl Chloride	10.000	14.547	-45.5#	83	0.00
67	sec-Butylbenzene	10.000	9.889	1.1	84	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.821	1.8	69	0.00
69	p-Isopropyltoluene	10.000	9.870	1.3	84	0.00
70	n-Butylbenzene	10.000	9.944	0.6	85	0.00
71	2-Chlorotoluene	10.000	9.855	1.4	82	0.00
72 T	4-Ethyltoluene	10.000	10.020	-0.2	82	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.049	-0.5	82	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.933	0.7	85	0.00
75 T	1,3-Dichlorobenzene	10.000	9.778	2.2	83	0.00
76 T	1,4-Dichlorobenzene	10.000	10.006	-0.1	82	0.00
77 T	1,2-Dichlorobenzene	10.000	9.897	1.0	83	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	15.806	-58.1#	144	0.00
79 T	Naphthalene	10.000	9.909	0.9	83	0.00
80 T	Naphthalene,2-methyl-	10.000	9.142	8.6	83	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.650	3.5	83	0.00

(#) = Out of Range

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