

Data File : VL032406.D
 Acq On : 20 Aug 2018 14:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 21 01:47:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 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	78	0.00
2 T	Dichlorodifluoromethane	10.000	10.298	-3.0	82	0.00
3	Chlorodifluoromethane	10.000	9.537	4.6	80	0.00
4	Chloromethane	10.000	9.749	2.5	81	0.00
5 T	Vinyl Chloride	10.000	9.798	2.0	83	0.00
6 T	Bromomethane	10.000	10.296	-3.0	84	0.00
7	Chloroethane	10.000	10.188	-1.9	86	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.512	4.9	83	0.00
9 T	Propene	10.000	10.433	-4.3	79	0.00
10 T	Heptane	10.000	10.941	-9.4	85	0.00
11 T	Trichlorofluoromethane	10.000	9.532	4.7	84	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.594	4.1	82	0.00
13	Ethanol	10.000	11.024	-10.2	89	0.00
14 T	Bromoethene	10.000	10.252	-2.5	84	0.00
15 T	Acetone	10.000	8.811	11.9	84	0.00
16 T	1,3-Butadiene	10.000	10.700	-7.0	90	0.00
17	tert-Butyl alcohol	10.000	10.161	-1.6	88	0.00
18 T	1,1-Dichloroethene	10.000	9.987	0.1	83	0.00
19 T	Isopropyl Alcohol	10.000	10.329	-3.3	85	0.00
20 T	Methylene Chloride	10.000	8.546	14.5	82	0.00
21 T	Allyl Chloride	10.000	10.495	-4.9	83	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.555	4.5	72	0.00
23 T	Vinyl Acetate	10.000	9.485	5.2	70	0.00
24 T	1,1-Dichloroethane	10.000	9.145	8.6	72	0.00
25 T	Ethyl Acetate	10.000	10.358	-3.6	83	0.00
26 T	Hexane	10.000	10.747	-7.5	84	0.00
27 T	Carbon Disulfide	10.000	10.762	-7.6	81	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.871	1.3	70	0.00
29 T	Chloroform	10.000	10.628	-6.3	84	0.00
30 T	Cyclohexane	10.000	10.604	-6.0	80	0.00
31 T	cis-1,2-Dichloroethene	10.000	10.069	-0.7	76	0.00
32 T	1,1,1-Trichloroethane	10.000	10.220	-2.2	83	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	76	0.00
34 T	2-Butanone	10.000	10.307	-3.1	77	0.00
35 T	Carbon Tetrachloride	10.000	10.869	-8.7	78	0.00
36 T	Benzene	10.000	11.512	-15.1	83	0.00
37 T	1,2-Dichloroethane	10.000	10.531	-5.3	82	0.00
38 T	Trichloroethene	10.000	11.198	-12.0	84	0.00
39 T	1,2-Dichloropropane	10.000	11.019	-10.2	80	0.00
40 T	1,4-Dioxane	10.000	11.188	-11.9	74	0.00
41 T	Tetrahydrofuran	10.000	11.490	-14.9	80	0.00
42 T	Bromodichloromethane	10.000	11.050	-10.5	81	0.00
43	Methyl Methacrylate	10.000	11.859	-18.6	81	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.112	-11.1	82	0.00
45 T	t-1,3-Dichloropropene	10.000	12.876	-28.8	86	0.00

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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)
46 T	cis-1,3-Dichloropropene	10.000	12.735	-27.3	89	0.00
47 T	1,1,2-Trichloroethane	10.000	10.494	-4.9	81	0.00
48 T	Dibromochloromethane	10.000	11.230	-12.3	79	0.00
49 T	Bromoform	10.000	11.666	-16.7	83	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.415	-14.1	88	0.00
51 T	2-Hexanone	10.000	11.787	-17.9	72	0.00
52 T	Tetrachloroethene	10.000	11.511	-15.1	83	0.00
53 T	Toluene	10.000	12.138	-21.4	79	0.00
54 T	1,2-Dibromoethane	10.000	10.778	-7.8	78	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	78	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.205	-2.1	83	0.00
57 T	Chlorobenzene	10.000	10.061	-0.6	82	0.00
58 T	Ethyl Benzene	10.000	11.531	-15.3	83	0.00
59 T	m/p-Xylene	20.000	22.219	-11.1	84	0.00
60 T	o-Xylene	10.000	10.830	-8.3	82	0.00
61 T	Styrene	10.000	12.041	-20.4	81	0.00
62	Isopropylbenzene	10.000	10.808	-8.1	83	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.767	2.3	83	0.00
64	n-propylbenzene	10.000	11.068	-10.7	83	0.00
65	tert-Butylbenzene	10.000	10.543	-5.4	82	0.00
66 T	Benzyl Chloride	10.000	12.088	-20.9	79	0.00
67	sec-Butylbenzene	10.000	10.921	-9.2	84	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.076	-0.8	77	0.00
69	p-Isopropyltoluene	10.000	11.427	-14.3	86	0.00
70	n-Butylbenzene	10.000	11.344	-13.4	84	0.00
71	2-Chlorotoluene	10.000	11.210	-12.1	82	0.00
72 T	4-Ethyltoluene	10.000	11.545	-15.4	82	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.444	-14.4	83	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.591	-5.9	82	0.00
75 T	1,3-Dichlorobenzene	10.000	10.119	-1.2	83	0.00
76 T	1,4-Dichlorobenzene	10.000	10.824	-8.2	82	0.00
77 T	1,2-Dichlorobenzene	10.000	10.664	-6.6	84	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.556	4.4	84	0.00
79 T	Naphthalene	10.000	10.701	-7.0	79	0.00
80 T	Naphthalene,2-methyl-	10.000	20.014	-100.1#	72	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.458	-24.6	79	0.00

(#) = Out of Range

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