

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\
 Data File : VL032376.D
 Acq On : 16 Aug 2018 8:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 16 09:07:20 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	62	0.00
2 T	Dichlorodifluoromethane	10.000	12.106	-21.1	76	0.00
3	Chlorodifluoromethane	10.000	9.375	6.3	63	0.00
4	Chloromethane	10.000	9.306	6.9	62	0.00
5 T	Vinyl Chloride	10.000	9.485	5.2	64	0.00
6 T	Bromomethane	10.000	9.737	2.6	63	0.00
7	Chloroethane	10.000	9.547	4.5	64	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.439	5.6	66	0.00
9 T	Propene	10.000	10.495	-4.9	63	0.00
10 T	Heptane	10.000	11.887	-18.9	74	0.00
11 T	Trichlorofluoromethane	10.000	9.865	1.3	69	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.624	3.8	66	0.00
13	Ethanol	10.000	10.920	-9.2	70	0.00
14 T	Bromoethene	10.000	10.136	-1.4	66	0.00
15 T	Acetone	10.000	8.766	12.3	66	0.00
16 T	1,3-Butadiene	10.000	10.932	-9.3	73	0.00
17	tert-Butyl alcohol	10.000	11.478	-14.8	79	0.00
18 T	1,1-Dichloroethene	10.000	10.161	-1.6	67	0.00
19 T	Isopropyl Alcohol	10.000	10.968	-9.7	72	0.00
20 T	Methylene Chloride	10.000	8.586	14.1	65	0.00
21 T	Allyl Chloride	10.000	10.746	-7.5	67	0.00
22 T	trans-1,2-Dichloroethene	10.000	10.032	-0.3	60	0.00
23 T	Vinyl Acetate	10.000	9.691	3.1	57	0.00
24 T	1,1-Dichloroethane	10.000	9.056	9.4	56	0.00
25 T	Ethyl Acetate	10.000	9.976	0.2	64	0.00
26 T	Hexane	10.000	9.804	2.0	61	0.00
27 T	Carbon Disulfide	10.000	10.998	-10.0	66	0.00
28 T	Methyl tert-Butyl Ether	10.000	10.873	-8.7	61	0.00
29 T	Chloroform	10.000	9.900	1.0	62	0.00
30 T	Cyclohexane	10.000	10.723	-7.2	64	0.00
31 T	cis-1,2-Dichloroethene	10.000	11.403	-14.0	69	0.00
32 T	1,1,1-Trichloroethane	10.000	10.903	-9.0	70	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	70	0.00
34 T	2-Butanone	10.000	9.619	3.8	66	0.00
35 T	Carbon Tetrachloride	10.000	9.733	2.7	65	0.00
36 T	Benzene	10.000	9.764	2.4	64	0.00
37 T	1,2-Dichloroethane	10.000	9.698	3.0	69	0.00
38 T	Trichloroethene	10.000	9.600	4.0	66	0.00
39 T	1,2-Dichloropropane	10.000	9.626	3.7	64	0.00
40 T	1,4-Dioxane	10.000	10.926	-9.3	66	0.00
41 T	Tetrahydrofuran	10.000	10.615	-6.2	68	0.00
42 T	Bromodichloromethane	10.000	9.993	0.1	67	0.00
43	Methyl Methacrylate	10.000	10.663	-6.6	67	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.582	4.2	65	0.00
45 T	t-1,3-Dichloropropene	10.000	11.949	-19.5	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	11.285	-12.9	73	0.00
47 T	1,1,2-Trichloroethane	10.000	9.486	5.1	67	0.00
48 T	Dibromochloromethane	10.000	10.611	-6.1	69	0.00
49 T	Bromoform	10.000	10.072	-0.7	66	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.490	5.1	68	0.00
51 T	2-Hexanone	10.000	10.820	-8.2	61	0.00
52 T	Tetrachloroethene	10.000	10.405	-4.0	69	0.00
53 T	Toluene	10.000	10.592	-5.9	64	0.00
54 T	1,2-Dibromoethane	10.000	10.257	-2.6	68	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	67	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.550	4.5	67	0.00
57 T	Chlorobenzene	10.000	9.504	5.0	67	0.00
58 T	Ethyl Benzene	10.000	11.233	-12.3	70	0.00
59 T	m/p-Xylene	20.000	22.168	-10.8	73	0.00
60 T	o-Xylene	10.000	10.410	-4.1	69	0.00
61 T	Styrene	10.000	11.725	-17.2	68	0.00
62	Isopropylbenzene	10.000	10.549	-5.5	70	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.934	10.7	66	0.00
64	n-propylbenzene	10.000	10.526	-5.3	68	0.00
65	tert-Butylbenzene	10.000	10.179	-1.8	69	0.00
66 T	Benzyl Chloride	10.000	11.736	-17.4	66	0.00
67	sec-Butylbenzene	10.000	10.413	-4.1	70	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.256	-2.6	68	0.00
69	p-Isopropyltoluene	10.000	10.839	-8.4	70	0.00
70	n-Butylbenzene	10.000	10.937	-9.4	70	0.00
71	2-Chlorotoluene	10.000	10.878	-8.8	69	0.00
72 T	4-Ethyltoluene	10.000	11.309	-13.1	70	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.094	-10.9	70	0.00
74 T	1,2,4-Trimethylbenzene	10.000	10.307	-3.1	69	0.00
75 T	1,3-Dichlorobenzene	10.000	9.426	5.7	67	0.00
76 T	1,4-Dichlorobenzene	10.000	10.135	-1.3	67	0.00
77 T	1,2-Dichlorobenzene	10.000	9.970	0.3	68	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	11.094	-10.9	84	0.00
79 T	Naphthalene	10.000	10.822	-8.2	69	0.00
80 T	Naphthalene,2-methyl-	10.000	22.249	-122.5#	70	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.226	-22.3	67	0.00

(#) = Out of Range

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