

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112918\
 Data File : VL032830.D
 Acq On : 29 Nov 2018 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 30 06:40:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 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	95	0.00
2 T	Dichlorodifluoromethane	10.000	6.320	36.8#	68	0.00
3	Chlorodifluoromethane	10.000	8.641	13.6	91	0.00
4	Chloromethane	10.000	8.355	16.4	90	0.00
5 T	Vinyl Chloride	10.000	8.382	16.2	93	0.00
6 T	Bromomethane	10.000	12.503	-25.0	129	0.00
7	Chloroethane	10.000	12.199	-22.0	128	0.00
8 T	Dichlorotetrafluoroethane	10.000	8.687	13.1	95	0.00
9 T	Propene	10.000	8.685	13.1	90	0.00
10 T	Heptane	10.000	9.718	2.8	93	0.00
11 T	Trichlorofluoromethane	10.000	11.083	-10.8	127	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.787	2.1	109	0.00
13	Ethanol	10.000	8.934	10.7	121	0.00
14 T	Bromoethene	10.000	12.427	-24.3	131	0.00
15 T	Acetone	10.000	10.482	-4.8	129	0.00
16 T	1,3-Butadiene	10.000	9.017	9.8	83	0.00
17	tert-Butyl alcohol	10.000	10.098	-1.0	97	0.00
18 T	1,1-Dichloroethene	10.000	9.732	2.7	99	0.00
19 T	Isopropyl Alcohol	10.000	10.706	-7.1	120	0.00
20 T	Methylene Chloride	10.000	9.423	5.8	99	0.00
21 T	Allyl Chloride	10.000	10.146	-1.5	108	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.827	1.7	97	0.00
23 T	Vinyl Acetate	10.000	9.453	5.5	86	0.00
24 T	1,1-Dichloroethane	10.000	9.131	8.7	88	0.00
25 T	Ethyl Acetate	10.000	9.617	3.8	99	0.00
26 T	Hexane	10.000	10.121	-1.2	101	0.00
27 T	Carbon Disulfide	10.000	10.924	-9.2	111	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.897	1.0	89	0.00
29 T	Chloroform	10.000	9.597	4.0	102	0.00
30 T	Cyclohexane	10.000	9.900	1.0	96	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.759	2.4	94	0.00
32 T	1,1,1-Trichloroethane	10.000	8.936	10.6	96	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.00
34 T	2-Butanone	10.000	9.498	5.0	91	0.00
35 T	Carbon Tetrachloride	10.000	9.000	10.0	96	0.00
36 T	Benzene	10.000	9.589	4.1	93	0.00
37 T	1,2-Dichloroethane	10.000	9.158	8.4	92	0.00
38 T	Trichloroethene	10.000	10.177	-1.8	98	0.00
39 T	1,2-Dichloropropane	10.000	9.460	5.4	93	0.00
40 T	1,4-Dioxane	10.000	9.679	3.2	96	0.00
41 T	Tetrahydrofuran	10.000	9.445	5.5	87	0.00
42 T	Bromodichloromethane	10.000	9.682	3.2	96	0.00
43	Methyl Methacrylate	10.000	10.309	-3.1	92	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.761	2.4	94	0.00
45 T	t-1,3-Dichloropropene	10.000	11.523	-15.2	92	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	10.782	-7.8	91	0.00
47 T	1,1,2-Trichloroethane	10.000	9.587	4.1	93	0.00
48 T	Dibromochloromethane	10.000	10.292	-2.9	91	0.00
49 T	Bromoform	10.000	10.492	-4.9	99	0.00
50 T	4-Methyl-2-Pentanone	10.000	9.898	1.0	91	0.00
51 T	2-Hexanone	10.000	10.742	-7.4	89	0.00
52 T	Tetrachloroethene	10.000	10.314	-3.1	98	0.00
53 T	Toluene	10.000	10.751	-7.5	93	0.00
54 T	1,2-Dibromoethane	10.000	10.198	-2.0	96	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.665	3.4	100	0.00
57 T	Chlorobenzene	10.000	9.723	2.8	100	0.00
58 T	Ethyl Benzene	10.000	10.475	-4.7	95	0.00
59 T	m/p-Xylene	20.000	19.521	2.4	95	0.00
60 T	o-Xylene	10.000	9.689	3.1	95	0.00
61 T	Styrene	10.000	11.031	-10.3	94	0.00
62	Isopropylbenzene	10.000	10.170	-1.7	98	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	8.501	15.0	94	0.00
64	n-propylbenzene	10.000	10.569	-5.7	100	0.00
65	tert-Butylbenzene	10.000	10.133	-1.3	96	0.00
66 T	Benzyl Chloride	10.000	10.203	-2.0	86	0.00
67	sec-Butylbenzene	10.000	9.828	1.7	95	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.132	-1.3	89	0.00
69	p-Isopropyltoluene	10.000	10.040	-0.4	95	0.00
70	n-Butylbenzene	10.000	9.778	2.2	92	0.00
71	2-Chlorotoluene	10.000	10.694	-6.9	98	0.00
72 T	4-Ethyltoluene	10.000	10.093	-0.9	92	0.00
73 T	1,3,5-Trimethylbenzene	10.000	9.938	0.6	93	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.453	5.5	94	0.00
75 T	1,3-Dichlorobenzene	10.000	9.277	7.2	93	0.00
76 T	1,4-Dichlorobenzene	10.000	9.699	3.0	92	0.00
77 T	1,2-Dichlorobenzene	10.000	9.567	4.3	95	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	10.892	-8.9	102	0.00
79 T	Naphthalene	10.000	9.572	4.3	80	0.00
80 T	Naphthalene,2-methyl-	10.000	10.722	-7.2	66	0.00
81 T	1,2,4-Trichlorobenzene	10.000	9.831	1.7	85	0.00

(#) = Out of Range

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