

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121118\
 Data File : VL032982.D
 Acq On : 12 Dec 2018 12:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 12 15:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	111	0.00
2 T	Dichlorodifluoromethane	10.000	6.547	34.5#	77	0.00
3	Chlorodifluoromethane	10.000	10.590	-5.9	127	0.00
4	Chloromethane	10.000	11.532	-15.3	147	0.00
5 T	Vinyl Chloride	10.000	11.094	-10.9	138	0.00
6 T	Bromomethane	10.000	11.270	-12.7	132	0.00
7	Chloroethane	10.000	11.527	-15.3	135	0.00
8 T	Dichlorotetrafluoroethane	10.000	11.075	-10.7	132	0.00
9 T	Propene	10.000	13.353	-33.5#	161	0.00
10 T	Heptane	10.000	12.930	-29.3	139	0.00
11 T	Trichlorofluoromethane	10.000	9.766	2.3	115	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.364	6.4	115	0.00
13	Ethanol	10.000	9.483	5.2	157	0.00
14 T	Bromoethene	10.000	11.075	-10.7	123	0.00
15 T	Acetone	10.000	9.999	0.0	131	0.00
16 T	1,3-Butadiene	10.000	12.529	-25.3	142	0.00
17	tert-Butyl alcohol	10.000	13.459	-34.6#	152	0.00
18 T	1,1-Dichloroethene	10.000	11.309	-13.1	139	0.00
19 T	Isopropyl Alcohol	10.000	12.758	-27.6	151	0.00
20 T	Methylene Chloride	10.000	10.232	-2.3	125	0.00
21 T	Allyl Chloride	10.000	11.008	-10.1	124	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.163	8.4	114	0.00
23 T	Vinyl Acetate	10.000	13.334	-33.3#	153	0.00
24 T	1,1-Dichloroethane	10.000	10.939	-9.4	138	0.00
25 T	Ethyl Acetate	10.000	11.047	-10.5	125	0.00
26 T	Hexane	10.000	10.940	-9.4	122	0.00
27 T	Carbon Disulfide	10.000	9.964	0.4	113	0.00
28 T	Methyl tert-Butyl Ether	10.000	12.696	-27.0	144	0.00
29 T	Chloroform	10.000	9.637	3.6	111	0.00
30 T	Cyclohexane	10.000	11.678	-16.8	127	0.00
31 T	cis-1,2-Dichloroethene	10.000	11.635	-16.3	127	0.00
32 T	1,1,1-Trichloroethane	10.000	9.602	4.0	113	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	116	0.00
34 T	2-Butanone	10.000	11.193	-11.9	130	0.00
35 T	Carbon Tetrachloride	10.000	8.463	15.4	108	0.00
36 T	Benzene	10.000	11.225	-12.2	130	0.00
37 T	1,2-Dichloroethane	10.000	9.172	8.3	108	0.00
38 T	Trichloroethene	10.000	11.137	-11.4	126	0.00
39 T	1,2-Dichloropropane	10.000	11.317	-13.2	133	0.00
40 T	1,4-Dioxane	10.000	10.247	-2.5	125	0.00
41 T	Tetrahydrofuran	10.000	12.624	-26.2	140	0.00
42 T	Bromodichloromethane	10.000	9.781	2.2	114	0.00
43	Methyl Methacrylate	10.000	12.451	-24.5	130	0.00
44 T	2,2,4-Trimethylpentane	10.000	11.144	-11.4	127	0.00
45 T	t-1,3-Dichloropropene	10.000	13.294	-32.9#	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	10.000	12.662	-26.6	128	0.00
47 T	1,1,2-Trichloroethane	10.000	11.198	-12.0	129	0.00
48 T	Dibromochloromethane	10.000	10.650	-6.5	120	0.00
49 T	Bromoform	10.000	10.689	-6.9	116	0.00
50 T	4-Methyl-2-Pentanone	10.000	11.639	-16.4	131	0.00
51 T	2-Hexanone	10.000	13.052	-30.5#	129	0.00
52 T	Tetrachloroethene	10.000	11.092	-10.9	126	0.00
53 T	Toluene	10.000	12.347	-23.5	127	0.00
54 T	1,2-Dibromoethane	10.000	11.172	-11.7	125	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	10.000	10.017	-0.2	117	0.00
57 T	Chlorobenzene	10.000	10.618	-6.2	127	0.00
58 T	Ethyl Benzene	10.000	12.521	-25.2	126	0.00
59 T	m/p-Xylene	20.000	22.883	-14.4	122	0.00
60 T	o-Xylene	10.000	11.536	-15.4	126	0.00
61 T	Styrene	10.000	12.849	-28.5	119	0.00
62	Isopropylbenzene	10.000	12.014	-20.1	129	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	10.144	-1.4	126	0.00
64	n-propylbenzene	10.000	11.282	-12.8	116	0.00
65	tert-Butylbenzene	10.000	10.529	-5.3	105	0.00
66 T	Benzyl Chloride	10.000	11.361	-13.6	109	0.00
67	sec-Butylbenzene	10.000	10.171	-1.7	107	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	9.549	4.5	105	0.00
69	p-Isopropyltoluene	10.000	10.407	-4.1	109	0.00
70	n-Butylbenzene	10.000	11.290	-12.9	115	0.00
71	2-Chlorotoluene	10.000	11.293	-12.9	114	0.00
72 T	4-Ethyltoluene	10.000	11.608	-16.1	116	0.00
73 T	1,3,5-Trimethylbenzene	10.000	11.174	-11.7	120	0.00
74 T	1,2,4-Trimethylbenzene	10.000	9.988	0.1	106	0.00
75 T	1,3-Dichlorobenzene	10.000	9.529	4.7	107	0.00
76 T	1,4-Dichlorobenzene	10.000	10.224	-2.2	108	0.00
77 T	1,2-Dichlorobenzene	10.000	10.011	-0.1	110	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	8.637	13.6	117	0.00
79 T	Naphthalene	10.000	14.130	-41.3#	140	0.00
80 T	Naphthalene,2-methyl-	10.000	24.349	-143.5#	195	0.00
81 T	1,2,4-Trichlorobenzene	10.000	12.311	-23.1	131	0.00

(#) = Out of Range

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