

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032346.D
 Acq On : 2 Aug 2018 11:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 02 12:46:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 07:05:37 2018
 QLast Update : Fri Jul 27 07:05:37 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	1.206	0.709	41.2#	71	0.00
3	Chlorodifluoromethane	1.000	0.977	2.3	90	0.00
4	Chloromethane	0.605	0.597	1.3	88	0.00
5 T	Vinyl Chloride	0.550	0.563	-2.4	90	0.00
6 T	Bromomethane	0.302	0.312	-3.3	94	0.00
7	Chloroethane	0.196	0.204	-4.1	93	0.00
8 T	Dichlorotetrafluoroethane	1.218	1.115	8.5	88	0.00
9 T	Propene	0.450	0.460	-2.2	87	0.00
10 T	Heptane	1.578	1.680	-6.5	89	0.00
11 T	Trichlorofluoromethane	1.152	1.128	2.1	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.787	0.789	-0.3	96	0.00
13	Ethanol	0.129	0.122	5.4	92	0.00
14 T	Bromoethene	0.345	0.353	-2.3	91	0.00
15 T	Acetone	0.942	0.903	4.1	94	0.00
16 T	1,3-Butadiene	0.489	0.490	-0.2	92	0.00
17	tert-Butyl alcohol	0.300	0.325	-8.3	92	-0.01
18 T	1,1-Dichloroethene	0.365	0.367	-0.5	91	0.00
19 T	Isopropyl Alcohol	0.629	0.690	-9.7	90	0.00
20 T	Methylene Chloride	0.379	0.336	11.3	87	0.00
21 T	Allyl Chloride	0.643	0.683	-6.2	92	0.00
22 T	trans-1,2-Dichloroethene	0.352	0.384	-9.1	93	0.00
23 T	Vinyl Acetate	1.691	1.829	-8.2	93	0.00
24 T	1,1-Dichloroethane	1.213	1.193	1.6	90	0.00
25 T	Ethyl Acetate	2.115	2.078	1.7	91	0.00
26 T	Hexane	0.957	0.947	1.0	91	0.00
27 T	Carbon Disulfide	0.870	1.002	-15.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.294	1.447	-11.8	94	0.00
29 T	Chloroform	1.392	1.372	1.4	91	0.00
30 T	Cyclohexane	0.747	0.808	-8.2	91	-0.01
31 T	cis-1,2-Dichloroethene	0.887	0.942	-6.2	89	0.00
32 T	1,1,1-Trichloroethane	1.232	1.349	-9.5	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.647	0.669	-3.4	91	0.00
35 T	Carbon Tetrachloride	0.568	0.627	-10.4	93	-0.01
36 T	Benzene	0.881	0.921	-4.5	90	-0.01
37 T	1,2-Dichloroethane	0.509	0.485	4.7	87	0.00
38 T	Trichloroethene	0.341	0.367	-7.6	90	-0.01
39 T	1,2-Dichloropropane	0.443	0.449	-1.4	90	-0.01
40 T	1,4-Dioxane	0.130	0.139	-6.9	89	-0.02
41 T	Tetrahydrofuran	0.366	0.398	-8.7	90	0.00
42 T	Bromodichloromethane	0.825	0.844	-2.3	90	-0.02
43	Methyl Methacrylate	0.423	0.470	-11.1	90	0.00
44 T	2,2,4-Trimethylpentane	1.911	1.928	-0.9	91	0.00
45 T	t-1,3-Dichloropropene	0.490	0.580	-18.4	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.601	0.683	-13.6	90	-0.01
47 T	1,1,2-Trichloroethane	0.431	0.426	1.2	90	0.00
48 T	Dibromochloromethane	0.635	0.665	-4.7	91	-0.01
49 T	Bromoform	0.523	0.539	-3.1	88	-0.02
50 T	4-Methyl-2-Pentanone	1.142	1.193	-4.5	90	-0.01
51 T	2-Hexanone	0.870	0.975	-12.1	91	-0.01
52 T	Tetrachloroethene	0.297	0.318	-7.1	89	0.00
53 T	Toluene	1.054	1.199	-13.8	92	0.00
54 T	1,2-Dibromoethane	0.613	0.638	-4.1	91	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.400	2.9	90	0.00
57 T	Chlorobenzene	0.778	0.732	5.9	90	-0.02
58 T	Ethyl Benzene	1.254	1.355	-8.1	90	0.00
59 T	m/p-Xylene	1.067	1.077	-0.9	89	0.00
60 T	o-Xylene	1.046	1.068	-2.1	91	-0.01
61 T	Styrene	0.770	0.859	-11.6	89	0.00
62	Isopropylbenzene	1.487	1.493	-0.4	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.852	0.788	7.5	90	0.00
64	n-propylbenzene	0.387	0.388	-0.3	88	0.00
65	tert-Butylbenzene	1.256	1.240	1.3	91	0.00
66 T	Benzyl Chloride	0.749	0.843	-12.6	87	0.00
67	sec-Butylbenzene	1.881	1.847	1.8	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.776	0.797	-2.7	94	0.00
69	p-Isopropyltoluene	1.457	1.475	-1.2	90	-0.01
70	n-Butylbenzene	1.683	1.637	2.7	89	0.00
71	2-Chlorotoluene	1.167	1.202	-3.0	90	-0.01
72 T	4-Ethyltoluene	1.173	1.251	-6.6	89	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.190	-3.1	90	-0.01
74 T	1,2,4-Trimethylbenzene	1.217	1.180	3.0	91	0.00
75 T	1,3-Dichlorobenzene	0.705	0.653	7.4	90	0.00
76 T	1,4-Dichlorobenzene	0.676	0.664	1.8	90	-0.01
77 T	1,2-Dichlorobenzene	0.693	0.640	7.6	88	-0.01
78 T	Hexachloro-1,3-Butadiene	0.244	0.386	-58.2#	165#	0.00
79 T	Naphthalene	1.056	1.116	-5.7	88	-0.01
80 T	Naphthalene,2-methyl-	0.418	0.528	-26.3	85	0.00
81 T	1,2,4-Trichlorobenzene	0.528	0.539	-2.1	89	0.00

(#) = Out of Range

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