

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL020916\
 Data File : VL026852.D
 Acq On : 10 Feb 2016 14:21
 Operator : SY/AP
 Sample : VSTDCCV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCV010EC

Quant Time: Feb 11 01:20:04 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 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	97	0.00
2 T	Dichlorodifluoromethane	2.162	2.238	-3.5	102	0.00
3	Chlorodifluoromethane	1.622	1.123	30.8#	104	0.00
4	Chloromethane	0.641	0.644	-0.5	105	0.00
5 T	Vinyl Chloride	0.722	0.732	-1.4	106	0.00
6 T	Bromomethane	0.599	0.625	-4.3	106	0.00
7	Chloroethane	0.317	0.333	-5.0	106	0.00
8 T	Dichlorotetrafluoroethane	1.921	2.027	-5.5	108	0.00
9 T	Propene	0.438	0.463	-5.7	102	0.00
10 T	Heptane	1.435	1.695	-18.1	112	-0.01
11 T	Trichlorofluoromethane	2.565	2.692	-5.0	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.815	1.961	-8.0	108	-0.01
13	Ethanol	0.075	0.056	25.3	71	-0.01
14 T	Bromoethene	0.664	0.755	-13.7	112	0.00
15 T	Acetone	1.374	1.154	16.0	104	-0.01
16 T	1,3-Butadiene	0.536	0.542	-1.1	100	0.00
17	tert-Butyl alcohol	0.907	1.091	-20.3	103	-0.02
18 T	1,1-Dichloroethene	0.760	0.853	-12.2	111	-0.01
19 T	Isopropyl Alcohol	0.490	0.530	-8.2	92	-0.01
20 T	Methylene Chloride	0.712	0.744	-4.5	108	0.00
21 T	Allyl Chloride	0.848	0.844	0.5	96	0.00
22 T	trans-1,2-Dichloroethene	0.686	0.842	-22.7	119	-0.01
23 T	Vinyl Acetate	1.863	2.027	-8.8	101	-0.01
24 T	1,1-Dichloroethane	1.489	1.645	-10.5	111	-0.01
25 T	Ethyl Acetate	2.061	2.401	-16.5	105	-0.01
26 T	Hexane	1.162	1.318	-13.4	108	-0.01
27 T	Carbon Disulfide	2.002	2.205	-10.1	107	-0.01
28 T	Methyl tert-Butyl Ether	1.816	2.169	-19.4	110	-0.01
29 T	Chloroform	1.808	2.088	-15.5	115	-0.01
30 T	Cyclohexane	0.945	1.242	-31.4#	123	0.00
31 T	cis-1,2-Dichloroethene	0.970	1.181	-21.8	111	-0.01
32 T	1,1,1-Trichloroethane	1.818	2.133	-17.3	115	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	-0.01
34 T	2-Butanone	0.490	0.474	3.3	109	-0.01
35 T	Carbon Tetrachloride	0.727	0.766	-5.4	116	0.00
36 T	Benzene	0.793	0.887	-11.9	121	-0.01
37 T	1,2-Dichloroethane	0.497	0.494	0.6	111	-0.01
38 T	Trichloroethene	0.366	0.452	-23.5	131	-0.01
39 T	1,2-Dichloropropane	0.300	0.315	-5.0	121	-0.01
40 T	1,4-Dioxane	0.053	0.057	-7.5	93	-0.01
41 T	Tetrahydrofuran	0.241	0.267	-10.8	110	-0.01
42 T	Bromodichloromethane	0.669	0.734	-9.7	118	0.00
43	Methyl Methacrylate	0.278	0.338	-21.6	120	0.00
44 T	2,2,4-Trimethylpentane	1.356	1.432	-5.6	113	-0.01
45 T	t-1,3-Dichloropropene	0.374	0.491	-31.3#	121	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.456	0.589	-29.2	123	0.00
47 T	1,1,2-Trichloroethane	0.332	0.391	-17.8	130	-0.01
48 T	Dibromochloromethane	0.542	0.693	-27.9	130	0.00
49 T	Bromoform	0.409	0.581	-42.1#	138	0.00
50 T	4-Methyl-2-Pentanone	0.578	0.653	-13.0	114	-0.01
51 T	2-Hexanone	0.485	0.603	-24.3	115	-0.01
52 T	Tetrachloroethene	0.312	0.424	-35.9#	139	-0.01
53 T	Toluene	0.893	1.138	-27.4	128	0.00
54 T	1,2-Dibromoethane	0.494	0.613	-24.1	132	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
56	1,1,1,2-Tetrachloroethane	0.441	0.501	-13.6	130	0.00
57 T	Chlorobenzene	0.828	0.938	-13.3	134	0.00
58 T	Ethyl Benzene	1.204	1.439	-19.5	128	-0.01
59 T	m/p-Xylene	1.029	1.171	-13.8	126	0.00
60 T	o-Xylene	1.126	1.293	-14.8	127	-0.01
61 T	Styrene	0.381	0.516	-35.4#	134	0.00
62	Isopropylbenzene	1.351	1.574	-16.5	129	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.768	0.886	-15.4	131	0.00
64	n-propylbenzene	0.347	0.430	-23.9	136	0.00
65	tert-Butylbenzene	1.245	1.564	-25.6	132	0.00
66 T	Benzyl Chloride	0.404	0.588	-45.5#	136	0.00
67	sec-Butylbenzene	1.621	1.931	-19.1	129	0.00
68 S	1-Bromo-4-Fluorobenzene	0.718	0.679	5.4	119	-0.01
69	p-Isopropyltoluene	1.313	1.664	-26.7	131	0.00
70	n-Butylbenzene	1.252	1.536	-22.7	127	0.00
71	2-Chlorotoluene	0.922	1.131	-22.7	127	-0.01
72 T	4-Ethyltoluene	1.037	1.316	-26.9	132	0.00
73 T	1,3,5-Trimethylbenzene	1.010	1.246	-23.4	131	-0.01
74 T	1,2,4-Trimethylbenzene	1.148	1.383	-20.5	130	0.00
75 T	1,3-Dichlorobenzene	0.696	0.879	-26.3	142	-0.01
76 T	1,4-Dichlorobenzene	0.680	0.870	-27.9	141	-0.01
77 T	1,2-Dichlorobenzene	0.661	0.842	-27.4	144	0.00
78 T	Hexachloro-1,3-Butadiene	0.314	0.412	-31.2#	172#	0.00
79 T	Naphthalene	0.552	0.849	-53.8#	180#	0.00
80 T	Naphthalene,2-methyl-	0.224	0.186	17.0	103	0.00
81 T	1,2,4-Trichlorobenzene	0.298	0.431	-44.6#	170#	0.00

(#) = Out of Range

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