

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026179.D
 Acq On : 9 Oct 2015 16:11
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100915

Quant Time: Oct 09 16:45:23 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
 QLast Update : Fri Oct 09 16:23:14 2015
 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	101	0.02
2 T	Dichlorodifluoromethane	1.875	1.805	3.7	127	0.01
3	Chlorodifluoromethane	1.168	0.968	17.1	94	0.01
4	Chloromethane	0.659	0.602	8.6	98	0.01
5 T	Vinyl Chloride	0.664	0.612	7.8	97	0.01
6 T	Bromomethane	0.478	0.461	3.6	103	0.02
7	Chloroethane	0.288	0.270	6.2	100	0.01
8 T	Dichlorotetrafluoroethane	1.636	1.471	10.1	99	0.01
9 T	Propene	0.536	0.496	7.5	97	0.01
10 T	Heptane	1.864	1.695	9.1	95	0.02
11 T	Trichlorofluoromethane	1.840	1.695	7.9	100	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.246	1.133	9.1	99	0.02
13	Ethanol	0.079	0.073	7.6	158#	0.00
14 T	Bromoethene	0.514	0.481	6.4	99	0.02
15 T	Acetone	1.293	1.037	19.8	99	0.02
16 T	1,3-Butadiene	0.597	0.550	7.9	98	0.01
17	tert-Butyl alcohol	0.779	0.827	-6.2	92	0.02
18 T	1,1-Dichloroethene	0.564	0.523	7.3	99	0.02
19 T	Isopropyl Alcohol	0.503	0.513	-2.0	112	0.02
20 T	Methylene Chloride	0.550	0.484	12.0	98	0.01
21 T	Allyl Chloride	0.844	0.797	5.6	97	0.02
22 T	trans-1,2-Dichloroethene	0.722	0.667	7.6	97	0.02
23 T	Vinyl Acetate	2.288	2.134	6.7	95	0.02
24 T	1,1-Dichloroethane	1.560	1.435	8.0	98	0.02
25 T	Ethyl Acetate	2.499	2.263	9.4	95	0.02
26 T	Hexane	1.210	1.100	9.1	95	0.02
27 T	Carbon Disulfide	1.450	1.454	-0.3	99	0.02
28 T	Methyl tert-Butyl Ether	1.951	1.848	5.3	95	0.02
29 T	Chloroform	1.794	1.647	8.2	96	0.02
30 T	Cyclohexane	1.153	1.092	5.3	95	0.02
31 T	cis-1,2-Dichloroethene	1.104	1.061	3.9	95	0.02
32 T	1,1,1-Trichloroethane	1.714	1.646	4.0	95	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.02
34 T	2-Butanone	0.557	0.506	9.2	95	0.02
35 T	Carbon Tetrachloride	0.634	0.604	4.7	95	0.02
36 T	Benzene	0.956	0.866	9.4	95	0.02
37 T	1,2-Dichloroethane	0.512	0.466	9.0	95	0.02
38 T	Trichloroethene	0.439	0.346	21.2	94	0.02
39 T	1,2-Dichloropropane	0.355	0.317	10.7	94	0.02
40 T	1,4-Dioxane	0.058	0.072	-24.1	158#	0.01
41 T	Tetrahydrofuran	0.313	0.304	2.9	94	0.02
42 T	Bromodichloromethane	0.674	0.637	5.5	95	0.02
43	Methyl Methacrylate	0.337	0.335	0.6	96	0.02
44 T	2,2,4-Trimethylpentane	1.590	1.397	12.1	96	0.02
45 T	t-1,3-Dichloropropene	0.464	0.488	-5.2	93	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.569	0.578	-1.6	94	0.02
47 T	1,1,2-Trichloroethane	0.426	0.381	10.6	94	0.02
48 T	Dibromochloromethane	0.604	0.587	2.8	93	0.02
49 T	Bromoform	0.455	0.464	-2.0	92	0.02
50 T	4-Methyl-2-Pentanone	0.736	0.709	3.7	94	0.02
51 T	2-Hexanone	0.662	0.674	-1.8	94	0.02
52 T	Tetrachloroethene	0.472	0.366	22.5	93	0.02
53 T	Toluene	1.232	1.131	8.2	93	0.02
54 T	1,2-Dibromoethane	0.639	0.576	9.9	93	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.02
56	1,1,1,2-Tetrachloroethane	0.401	0.366	8.7	94	0.02
57 T	Chlorobenzene	0.903	0.789	12.6	93	0.02
58 T	Ethyl Benzene	1.453	1.359	6.5	93	0.02
59 T	m/p-Xylene	1.166	1.053	9.7	94	0.02
60 T	o-Xylene	1.222	1.070	12.4	93	0.02
61 T	Styrene	0.500	0.516	-3.2	92	0.02
62	Isopropylbenzene	1.611	1.476	8.4	93	0.02
63 T	1,1,2,2-Tetrachloroethane	0.908	0.709	21.9	94	0.02
64	n-propylbenzene	0.434	0.401	7.6	92	0.02
65	tert-Butylbenzene	1.420	1.259	11.3	92	0.02
66 T	Benzyl Chloride	0.422	0.470	-11.4	89	0.02
67	sec-Butylbenzene	1.980	1.808	8.7	92	0.02
68 S	1-Bromo-4-Fluorobenzene	0.768	0.778	-1.3	99	0.02
69	p-Isopropyltoluene	1.584	1.488	6.1	92	0.02
70	n-Butylbenzene	1.519	1.434	5.6	91	0.02
71	2-Chlorotoluene	1.176	1.099	6.5	92	0.02
72 T	4-Ethyltoluene	1.303	1.237	5.1	91	0.02
73 T	1,3,5-Trimethylbenzene	1.225	1.143	6.7	91	0.02
74 T	1,2,4-Trimethylbenzene	1.285	1.135	11.7	92	0.02
75 T	1,3-Dichlorobenzene	0.822	0.730	11.2	91	0.02
76 T	1,4-Dichlorobenzene	0.829	0.754	9.0	90	0.02
77 T	1,2-Dichlorobenzene	0.803	0.717	10.7	89	0.02
78 T	Hexachloro-1,3-Butadiene	0.322	0.243	24.5	78	0.02
79 T	Naphthalene	0.806	0.717	11.0	78	0.01
80 T	Naphthalene,2-methyl-	0.181	0.130	28.2	67	0.02
81 T	1,2,4-Trichlorobenzene	0.400	0.344	14.0	79	0.02

(#) = Out of Range

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