

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
 Data File : VL026233.D
 Acq On : 21 Oct 2015 9:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 21 11:31:12 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 21 01:20:55 2015
 QLast Update : Wed Oct 21 01:20:55 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	92	-0.01
2 T	Dichlorodifluoromethane	2.072	2.158	-4.2	93	0.00
3	Chlorodifluoromethane	1.266	1.263	0.2	99	0.00
4	Chloromethane	0.683	0.702	-2.8	97	0.00
5 T	Vinyl Chloride	0.719	0.742	-3.2	98	0.00
6 T	Bromomethane	0.516	0.540	-4.7	97	0.00
7	Chloroethane	0.302	0.316	-4.6	96	-0.01
8 T	Dichlorotetrafluoroethane	1.781	1.781	0.0	95	-0.01
9 T	Propene	0.593	0.570	3.9	93	0.00
10 T	Heptane	1.984	2.003	-1.0	96	-0.01
11 T	Trichlorofluoromethane	2.033	2.153	-5.9	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.388	1.456	-4.9	96	-0.01
13	Ethanol	0.089	0.071	20.2	73	0.00
14 T	Bromoethene	0.586	0.612	-4.4	96	0.00
15 T	Acetone	1.472	1.281	13.0	96	0.00
16 T	1,3-Butadiene	0.657	0.665	-1.2	97	0.00
17	tert-Butyl alcohol	1.006	1.201	-19.4	94	-0.01
18 T	1,1-Dichloroethene	0.627	0.671	-7.0	97	-0.01
19 T	Isopropyl Alcohol	0.576	0.618	-7.3	86	0.00
20 T	Methylene Chloride	0.587	0.602	-2.6	96	-0.01
21 T	Allyl Chloride	0.961	1.024	-6.6	97	0.00
22 T	trans-1,2-Dichloroethene	0.808	0.843	-4.3	97	0.00
23 T	Vinyl Acetate	2.714	2.735	-0.8	94	0.00
24 T	1,1-Dichloroethane	1.712	1.751	-2.3	96	0.00
25 T	Ethyl Acetate	2.760	2.762	-0.1	95	-0.01
26 T	Hexane	1.379	1.354	1.8	95	-0.01
27 T	Carbon Disulfide	1.763	1.904	-8.0	96	-0.01
28 T	Methyl tert-Butyl Ether	2.507	2.536	-1.2	94	0.00
29 T	Chloroform	2.002	2.058	-2.8	95	-0.01
30 T	Cyclohexane	1.379	1.383	-0.3	95	-0.01
31 T	cis-1,2-Dichloroethene	1.252	1.301	-3.9	96	-0.01
32 T	1,1,1-Trichloroethane	2.219	2.199	0.9	95	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.01
34 T	2-Butanone	0.565	0.553	2.1	95	-0.01
35 T	Carbon Tetrachloride	0.762	0.739	3.0	94	-0.02
36 T	Benzene	1.018	0.998	2.0	95	-0.01
37 T	1,2-Dichloroethane	0.524	0.537	-2.5	95	-0.01
38 T	Trichloroethene	0.494	0.416	15.8	94	-0.02
39 T	1,2-Dichloropropane	0.358	0.359	-0.3	96	-0.02
40 T	1,4-Dioxane	0.067	0.072	-7.5	74	0.00
41 T	Tetrahydrofuran	0.327	0.329	-0.6	96	-0.01
42 T	Bromodichloromethane	0.753	0.758	-0.7	95	-0.01
43	Methyl Methacrylate	0.371	0.385	-3.8	95	-0.01
44 T	2,2,4-Trimethylpentane	1.649	1.573	4.6	95	-0.01
45 T	t-1,3-Dichloropropene	0.578	0.612	-5.9	95	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.677	0.701	-3.5	95	-0.01
47 T	1,1,2-Trichloroethane	0.450	0.457	-1.6	95	-0.01
48 T	Dibromochloromethane	0.733	0.749	-2.2	94	-0.02
49 T	Bromoform	0.619	0.625	-1.0	92	-0.02
50 T	4-Methyl-2-Pentanone	0.763	0.791	-3.7	95	0.00
51 T	2-Hexanone	0.713	0.771	-8.1	97	-0.01
52 T	Tetrachloroethene	0.584	0.466	20.2	95	-0.02
53 T	Toluene	1.385	1.364	1.5	95	-0.02
54 T	1,2-Dibromoethane	0.696	0.702	-0.9	95	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.02
56	1,1,1,2-Tetrachloroethane	0.480	0.415	13.5	93	-0.01
57 T	Chlorobenzene	0.957	0.869	9.2	93	-0.02
58 T	Ethyl Benzene	1.621	1.514	6.6	94	-0.02
59 T	m/p-Xylene	1.269	1.155	9.0	94	-0.01
60 T	o-Xylene	1.326	1.187	10.5	94	-0.02
61 T	Styrene	0.600	0.597	0.5	93	-0.01
62	Isopropylbenzene	1.845	1.689	8.5	93	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.877	0.776	11.5	95	-0.01
64	n-propylbenzene	0.507	0.470	7.3	93	-0.01
65	tert-Butylbenzene	1.685	1.467	12.9	93	-0.02
66 T	Benzyl Chloride	0.695	0.670	3.6	92	-0.02
67	sec-Butylbenzene	2.348	2.128	9.4	93	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.771	0.742	3.8	90	-0.02
69	p-Isopropyltoluene	1.963	1.772	9.7	93	-0.02
70	n-Butylbenzene	1.794	1.657	7.6	94	-0.02
71	2-Chlorotoluene	1.359	1.274	6.3	94	-0.02
72 T	4-Ethyltoluene	1.543	1.455	5.7	94	-0.02
73 T	1,3,5-Trimethylbenzene	1.439	1.338	7.0	93	-0.02
74 T	1,2,4-Trimethylbenzene	1.492	1.302	12.7	93	-0.02
75 T	1,3-Dichlorobenzene	0.975	0.880	9.7	93	-0.02
76 T	1,4-Dichlorobenzene	1.018	0.925	9.1	93	-0.02
77 T	1,2-Dichlorobenzene	0.983	0.893	9.2	93	-0.02
78 T	Hexachloro-1,3-Butadiene	0.504	0.379	24.8	86	-0.02
79 T	Naphthalene	1.315	1.207	8.2	91	-0.02
80 T	Naphthalene,2-methyl-	0.236	0.207	12.3	50	-0.02
81 T	1,2,4-Trichlorobenzene	0.633	0.550	13.1	91	-0.02

(#) = Out of Range

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