

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
 Data File : VL025806.D
 Acq On : 31 Jul 2015 9:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 31 12:16:39 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84	0.02
2 T	Dichlorodifluoromethane	2.590	2.654	-2.5	86	0.00
3	Chlorodifluoromethane	1.409	1.171	16.9	79	0.00
4	Chloromethane	0.643	0.516	19.8	75	0.00
5 T	Vinyl Chloride	0.694	0.586	15.6	77	0.01
6 T	Bromomethane	0.563	0.483	14.2	81	0.01
7	Chloroethane	0.323	0.272	15.8	79	0.00
8 T	Dichlorotetrafluoroethane	2.272	1.939	14.7	82	0.00
9 T	Propene	0.468	0.361	22.9	68	0.00
10 T	Heptane	1.823	1.620	11.1	79	0.02
11 T	Trichlorofluoromethane	3.361	3.053	9.2	88	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.927	1.731	10.2	87	0.01
13	Ethanol	0.073	0.044#	39.7#	52	0.01
14 T	Bromoethene	0.632	0.563	10.9	84	0.00
15 T	Acetone	1.767	1.408	20.3	83	0.01
16 T	1,3-Butadiene	0.703	0.602	14.4	79	0.00
17	tert-Butyl alcohol	1.482	1.261	14.9	71	0.00
18 T	1,1-Dichloroethene	0.738	0.655	11.2	82	0.00
19 T	Isopropyl Alcohol	0.705	0.526	25.4	63	0.01
20 T	Methylene Chloride	0.718	0.595	17.1	82	0.00
21 T	Allyl Chloride	1.106	0.942	14.8	79	0.01
22 T	trans-1,2-Dichloroethene	0.753	0.647	14.1	78	0.01
23 T	Vinyl Acetate	2.677	2.294	14.3	73	0.01
24 T	1,1-Dichloroethane	1.794	1.519	15.3	80	0.01
25 T	Ethyl Acetate	2.673	2.319	13.2	78	0.01
26 T	Hexane	1.259	1.073	14.8	77	0.01
27 T	Carbon Disulfide	2.038	1.881	7.7	83	0.01
28 T	Methyl tert-Butyl Ether	2.503	2.324	7.2	79	0.01
29 T	Chloroform	2.486	2.163	13.0	84	0.01
30 T	Cyclohexane	1.203	1.095	9.0	82	0.01
31 T	cis-1,2-Dichloroethene	1.251	1.164	7.0	79	0.01
32 T	1,1,1-Trichloroethane	2.701	2.467	8.7	84	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.01
34 T	2-Butanone	0.567	0.506	10.8	80	0.01
35 T	Carbon Tetrachloride	1.066	0.965	9.5	86	0.01
36 T	Benzene	0.958	0.843	12.0	80	0.01
37 T	1,2-Dichloroethane	0.818	0.726	11.2	84	0.02
38 T	Trichloroethene	0.445	0.399	10.3	83	0.01
39 T	1,2-Dichloropropane	0.354	0.302	14.7	79	0.01
40 T	1,4-Dioxane	0.055	0.043#	21.8	45	0.02
41 T	Tetrahydrofuran	0.283	0.257	9.2	76	0.02
42 T	Bromodichloromethane	0.986	0.906	8.1	84	0.02
43	Methyl Methacrylate	0.368	0.352	4.3	79	0.01
44 T	2,2,4-Trimethylpentane	1.643	1.441	12.3	79	0.02
45 T	t-1,3-Dichloropropene	0.618	0.634	-2.6	80	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.683	0.681	0.3	80	0.01
47 T	1,1,2-Trichloroethane	0.492	0.441	10.4	83	0.01
48 T	Dibromochloromethane	0.881	0.832	5.6	84	0.02
49 T	Bromoform	0.726	0.687	5.4	83	0.01
50 T	4-Methyl-2-Pentanone	0.817	0.778	4.8	80	0.02
51 T	2-Hexanone	0.733	0.752	-2.6	80	0.02
52 T	Tetrachloroethene	0.480	0.456	5.0	83	0.02
53 T	Toluene	1.346	1.293	3.9	82	0.02
54 T	1,2-Dibromoethane	0.796	0.730	8.3	85	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.02
56	1,1,1,2-Tetrachloroethane	0.541	0.532	1.7	85	0.02
57 T	Chlorobenzene	1.064	1.006	5.5	83	0.02
58 T	Ethyl Benzene	1.652	1.750	-5.9	82	0.02
59 T	m/p-Xylene	1.451	1.456	-0.3	84	0.01
60 T	o-Xylene	1.563	1.550	0.8	84	0.02
61 T	Styrene	0.548	0.651	-18.8	82	0.02
62	Isopropylbenzene	2.043	2.072	-1.4	84	0.02
63 T	1,1,2,2-Tetrachloroethane	1.057	0.978	7.5	83	0.02
64	n-propylbenzene	0.552	0.552	0.0	83	0.02
65	tert-Butylbenzene	2.006	1.970	1.8	84	0.02
66 T	Benzyl Chloride	0.736	0.735	0.1	72	0.02
67	sec-Butylbenzene	2.810	2.752	2.1	83	0.02
68 S	1-Bromo-4-Fluorobenzene	0.844	0.991	-17.4	91	0.02
69	p-Isopropyltoluene	2.316	2.285	1.3	83	0.02
70	n-Butylbenzene	2.349	2.244	4.5	82	0.02
71	2-Chlorotoluene	1.499	1.560	-4.1	84	0.02
72 T	4-Ethyltoluene	1.728	1.789	-3.5	84	0.02
73 T	1,3,5-Trimethylbenzene	1.699	1.729	-1.8	84	0.02
74 T	1,2,4-Trimethylbenzene	1.902	1.829	3.8	85	0.02
75 T	1,3-Dichlorobenzene	1.238	1.130	8.7	83	0.02
76 T	1,4-Dichlorobenzene	1.241	1.162	6.4	83	0.02
77 T	1,2-Dichlorobenzene	1.229	1.125	8.5	81	0.02
78 T	Hexachloro-1,3-Butadiene	0.756	0.557	26.3	73	0.02
79 T	Naphthalene	1.837	1.447	21.2	72	0.02
80 T	Naphthalene,2-methyl-	0.534	0.375	29.8	67	0.02
81 T	1,2,4-Trichlorobenzene	0.881	0.695	21.1	74	0.02

(#) = Out of Range

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