

Data Path : W:\HPCHEM1\MSVOA L\Data\VL122017\
 Data File : VL031295.D
 Acq On : 21 Dec 2017 7:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 22 07:27:25 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 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	94	0.00
2 T	Dichlorodifluoromethane	0.845	1.738	-105.7#	205#	0.00
3	Chlorodifluoromethane	1.137	1.066	6.2	81	0.00
4	Chloromethane	0.614	0.656	-6.8	92	0.00
5 T	Vinyl Chloride	0.635	0.627	1.3	90	0.00
6 T	Bromomethane	0.376	0.410	-9.0	96	0.00
7	Chloroethane	0.235	0.249	-6.0	92	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.497	-27.6	116	0.00
9 T	Propene	0.558	0.543	2.7	83	0.00
10 T	Heptane	1.699	1.593	6.2	86	0.00
11 T	Trichlorofluoromethane	1.388	1.582	-14.0	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.973	0.989	-1.6	96	0.00
13	Ethanol	0.161	0.116	28.0	79	0.00
14 T	Bromoethene	0.418	0.467	-11.7	98	0.00
15 T	Acetone	1.320	1.322	-0.2	103	0.00
16 T	1,3-Butadiene	0.568	0.580	-2.1	87	0.00
17	tert-Butyl alcohol	0.741	0.487	34.3#	57	0.00
18 T	1,1-Dichloroethene	0.436	0.467	-7.1	96	0.00
19 T	Isopropyl Alcohol	0.835	0.715	14.4	75	0.00
20 T	Methylene Chloride	0.437	0.423	3.2	91	0.00
21 T	Allyl Chloride	0.776	0.743	4.3	82	0.00
22 T	trans-1,2-Dichloroethene	0.536	0.515	3.9	87	0.00
23 T	Vinyl Acetate	2.126	1.811	14.8	84	0.00
24 T	1,1-Dichloroethane	1.544	1.453	5.9	88	0.00
25 T	Ethyl Acetate	2.696	2.452	9.1	85	0.00
26 T	Hexane	1.279	1.151	10.0	86	0.00
27 T	Carbon Disulfide	1.281	1.211	5.5	83	0.00
28 T	Methyl tert-Butyl Ether	1.672	1.398	16.4	77	0.00
29 T	Chloroform	1.727	1.756	-1.7	98	0.00
30 T	Cyclohexane	1.126	0.983	12.7	92	0.00
31 T	cis-1,2-Dichloroethene	1.160	1.085	6.5	85	0.00
32 T	1,1,1-Trichloroethane	1.846	1.707	7.5	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.706	0.663	6.1	85	0.00
35 T	Carbon Tetrachloride	0.716	0.705	1.5	99	0.00
36 T	Benzene	1.060	0.946	10.8	90	0.00
37 T	1,2-Dichloroethane	0.585	0.574	1.9	97	0.00
38 T	Trichloroethene	0.413	0.366	11.4	91	0.00
39 T	1,2-Dichloropropane	0.375	0.352	6.1	90	0.00
40 T	1,4-Dioxane	0.135	0.133	1.5	88	0.00
41 T	Tetrahydrofuran	0.397	0.370	6.8	85	0.00
42 T	Bromodichloromethane	0.689	0.737	-7.0	94	0.00
43	Methyl Methacrylate	0.355	0.353	0.6	88	0.00
44 T	2,2,4-Trimethylpentane	1.601	1.527	4.6	89	0.00
45 T	t-1,3-Dichloropropene	0.485	0.474	2.3	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.611	0.578	5.4	82	0.00
47 T	1,1,2-Trichloroethane	0.389	0.399	-2.6	92	0.00
48 T	Dibromochloromethane	0.607	0.643	-5.9	92	0.00
49 T	Bromoform	0.448	0.470	-4.9	85	0.00
50 T	4-Methyl-2-Pentanone	0.864	0.837	3.1	87	0.00
51 T	2-Hexanone	0.825	0.786	4.7	84	0.00
52 T	Tetrachloroethene	0.391	0.347	11.3	88	0.00
53 T	Toluene	1.150	1.126	2.1	89	0.00
54 T	1,2-Dibromoethane	0.589	0.606	-2.9	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.406	9.0	92	0.00
57 T	Chlorobenzene	0.932	0.792	15.0	89	0.00
58 T	Ethyl Benzene	1.651	1.424	13.7	89	0.00
59 T	m/p-Xylene	1.322	1.115	15.7	88	0.00
60 T	o-Xylene	1.332	1.121	15.8	88	0.00
61 T	Styrene	0.382	0.311	18.6	79	0.00
62	Isopropylbenzene	1.747	1.487	14.9	88	0.00
63 T	1,1,2,2-Tetrachloroethane	0.893	0.743	16.8	91	0.00
64	n-propylbenzene	0.464	0.393	15.3	86	0.00
65	tert-Butylbenzene	1.547	1.282	17.1	91	0.00
66 T	Benzyl Chloride	0.167	0.101	39.5#	52	0.00
67	sec-Butylbenzene	2.128	1.808	15.0	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.711	0.716	-0.7	97	0.00
69	p-Isopropyltoluene	1.775	1.478	16.7	89	0.00
70	n-Butylbenzene	1.711	1.497	12.5	93	0.00
71	2-Chlorotoluene	1.297	1.121	13.6	89	0.00
72 T	4-Ethyltoluene	1.459	1.221	16.3	86	0.00
73 T	1,3,5-Trimethylbenzene	1.299	1.093	15.9	87	0.00
74 T	1,2,4-Trimethylbenzene	1.367	1.120	18.1	89	0.00
75 T	1,3-Dichlorobenzene	0.866	0.698	19.4	85	0.00
76 T	1,4-Dichlorobenzene	0.876	0.705	19.5	83	0.00
77 T	1,2-Dichlorobenzene	0.846	0.702	17.0	87	0.00
78 T	Hexachloro-1,3-Butadiene	0.194	0.296	-52.6#	167#	0.00
79 T	Naphthalene	1.106	0.878	20.6	81	0.00
80 T	Naphthalene,2-methyl-	0.412	0.206	50.0#	44	0.00
81 T	1,2,4-Trichlorobenzene	0.515	0.397	22.9	80	0.00

(#) = Out of Range

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