

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031219.D
 Acq On : 14 Dec 2017 3:31
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121317

Quant Time: Dec 14 08:42:23 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	119	0.00
2 T	Dichlorodifluoromethane	0.845	0.943	-11.6	141	0.00
3	Chlorodifluoromethane	1.137	0.933	17.9	90	0.00
4	Chloromethane	0.614	0.598	2.6	107	0.00
5 T	Vinyl Chloride	0.635	0.569	10.4	104	0.00
6 T	Bromomethane	0.376	0.355	5.6	105	0.00
7	Chloroethane	0.235	0.223	5.1	104	0.00
8 T	Dichlorotetrafluoroethane	1.173	1.210	-3.2	119	0.00
9 T	Propene	0.558	0.527	5.6	102	0.00
10 T	Heptane	1.699	1.418	16.5	97	0.00
11 T	Trichlorofluoromethane	1.388	1.274	8.2	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.973	0.832	14.5	103	0.00
13	Ethanol	0.161	0.118	26.7	102	0.00
14 T	Bromoethene	0.418	0.397	5.0	106	0.00
15 T	Acetone	1.320	1.121	15.1	111	0.00
16 T	1,3-Butadiene	0.568	0.517	9.0	99	0.00
17	tert-Butyl alcohol	0.741	0.547	26.2	81	0.00
18 T	1,1-Dichloroethene	0.436	0.402	7.8	104	0.00
19 T	Isopropyl Alcohol	0.835	0.721	13.7	96	0.00
20 T	Methylene Chloride	0.437	0.369	15.6	100	0.00
21 T	Allyl Chloride	0.776	0.685	11.7	96	0.00
22 T	trans-1,2-Dichloroethene	0.536	0.450	16.0	96	0.00
23 T	Vinyl Acetate	2.126	1.660	21.9	98	0.00
24 T	1,1-Dichloroethane	1.544	1.292	16.3	99	0.00
25 T	Ethyl Acetate	2.696	2.141	20.6	94	0.00
26 T	Hexane	1.279	1.019	20.3	96	0.00
27 T	Carbon Disulfide	1.281	1.099	14.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.672	1.363	18.5	95	0.00
29 T	Chloroform	1.727	1.422	17.7	100	0.00
30 T	Cyclohexane	1.126	0.844	25.0	100	0.00
31 T	cis-1,2-Dichloroethene	1.160	0.936	19.3	93	0.00
32 T	1,1,1-Trichloroethane	1.846	1.446	21.7	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	122	0.00
34 T	2-Butanone	0.706	0.593	16.0	93	0.00
35 T	Carbon Tetrachloride	0.716	0.575	19.7	99	0.00
36 T	Benzene	1.060	0.856	19.2	100	0.00
37 T	1,2-Dichloroethane	0.585	0.478	18.3	99	0.00
38 T	Trichloroethene	0.413	0.331	19.9	101	0.00
39 T	1,2-Dichloropropane	0.375	0.321	14.4	101	0.00
40 T	1,4-Dioxane	0.135	0.125	7.4	101	0.00
41 T	Tetrahydrofuran	0.397	0.338	14.9	95	0.00
42 T	Bromodichloromethane	0.689	0.632	8.3	98	0.00
43	Methyl Methacrylate	0.355	0.320	9.9	97	0.00
44 T	2,2,4-Trimethylpentane	1.601	1.401	12.5	100	0.00
45 T	t-1,3-Dichloropropene	0.485	0.434	10.5	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.611	0.540	11.6	94	0.00
47 T	1,1,2-Trichloroethane	0.389	0.357	8.2	101	0.00
48 T	Dibromochloromethane	0.607	0.574	5.4	101	0.00
49 T	Bromoform	0.448	0.427	4.7	95	0.00
50 T	4-Methyl-2-Pentanone	0.864	0.753	12.8	96	0.00
51 T	2-Hexanone	0.825	0.709	14.1	93	0.00
52 T	Tetrachloroethene	0.391	0.315	19.4	97	0.00
53 T	Toluene	1.150	1.045	9.1	102	0.00
54 T	1,2-Dibromoethane	0.589	0.537	8.8	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.376	15.7	99	0.00
57 T	Chlorobenzene	0.932	0.755	19.0	99	0.00
58 T	Ethyl Benzene	1.651	1.366	17.3	99	0.00
59 T	m/p-Xylene	1.322	1.070	19.1	98	0.00
60 T	o-Xylene	1.332	1.074	19.4	98	0.00
61 T	Styrene	0.382	0.314	17.8	93	0.00
62	Isopropylbenzene	1.747	1.448	17.1	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.893	0.698	21.8	99	0.00
64	n-propylbenzene	0.464	0.389	16.2	99	0.00
65	tert-Butylbenzene	1.547	1.232	20.4	102	0.00
66 T	Benzyl Chloride	0.167	0.150	10.2	89	0.00
67	sec-Butylbenzene	2.128	1.753	17.6	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.711	0.766	-7.7	120	0.00
69	p-Isopropyltoluene	1.775	1.440	18.9	101	0.00
70	n-Butylbenzene	1.711	1.424	16.8	103	0.00
71	2-Chlorotoluene	1.297	1.080	16.7	99	0.00
72 T	4-Ethyltoluene	1.459	1.207	17.3	98	0.00
73 T	1,3,5-Trimethylbenzene	1.299	1.067	17.9	99	0.00
74 T	1,2,4-Trimethylbenzene	1.367	1.069	21.8	99	0.00
75 T	1,3-Dichlorobenzene	0.866	0.698	19.4	99	0.00
76 T	1,4-Dichlorobenzene	0.876	0.704	19.6	96	0.00
77 T	1,2-Dichlorobenzene	0.846	0.700	17.3	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.194	0.155	20.1	102	0.00
79 T	Naphthalene	1.106	0.934	15.6	101	0.00
80 T	Naphthalene,2-methyl-	0.412	0.298	27.7	74	0.00
81 T	1,2,4-Trichlorobenzene	0.515	0.421	18.3	99	0.00

(#) = Out of Range

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