

Data Path : W:\HPCHEM1\MSVOA L\Data\VL060118\
 Data File : VL032046.D
 Acq On : 2 Jun 2018 9:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 03 14:18:24 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 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	96	0.00
2 T	Dichlorodifluoromethane	1.203	1.008	16.2	98	0.00
3	Chlorodifluoromethane	0.941	0.949	-0.9	107	0.00
4	Chloromethane	0.477	0.509	-6.7	111	0.00
5 T	Vinyl Chloride	0.530	0.525	0.9	109	0.00
6 T	Bromomethane	0.364	0.371	-1.9	107	0.00
7	Chloroethane	0.226	0.220	2.7	108	0.00
8 T	Dichlorotetrafluoroethane	1.311	1.302	0.7	108	0.00
9 T	Propene	0.307	0.367	-19.5	108	0.00
10 T	Heptane	1.090	1.227	-12.6	103	0.00
11 T	Trichlorofluoromethane	1.851	1.897	-2.5	123	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.270	1.528	-20.3	126	0.00
13	Ethanol	0.120	0.103	14.2	102	0.00
14 T	Bromoethene	0.446	0.421	5.6	104	0.00
15 T	Acetone	1.206	1.077	10.7	104	0.00
16 T	1,3-Butadiene	0.440	0.467	-6.1	98	0.00
17	tert-Butyl alcohol	0.578	0.715	-23.7	123	0.00
18 T	1,1-Dichloroethene	0.552	0.607	-10.0	118	0.00
19 T	Isopropyl Alcohol	0.798	0.916	-14.8	118	0.00
20 T	Methylene Chloride	0.548	0.642	-17.2	134	0.00
21 T	Allyl Chloride	0.850	1.125	-32.4#	132	0.00
22 T	trans-1,2-Dichloroethene	0.594	0.710	-19.5	120	0.00
23 T	Vinyl Acetate	1.633	1.847	-13.1	108	0.00
24 T	1,1-Dichloroethane	1.589	1.630	-2.6	106	0.00
25 T	Ethyl Acetate	2.388	2.473	-3.6	102	0.00
26 T	Hexane	1.110	1.157	-4.2	101	0.00
27 T	Carbon Disulfide	1.454	1.958	-34.7#	124	0.00
28 T	Methyl tert-Butyl Ether	1.374	1.611	-17.2	109	0.00
29 T	Chloroform	1.873	1.842	1.7	100	0.00
30 T	Cyclohexane	0.656	0.765	-16.6	105	0.00
31 T	cis-1,2-Dichloroethene	0.999	1.099	-10.0	100	0.00
32 T	1,1,1-Trichloroethane	1.527	1.534	-0.5	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.786	0.838	-6.6	106	0.00
35 T	Carbon Tetrachloride	0.853	0.785	8.0	99	0.00
36 T	Benzene	0.879	0.946	-7.6	106	0.00
37 T	1,2-Dichloroethane	0.634	0.636	-0.3	102	0.00
38 T	Trichloroethene	0.337	0.387	-14.8	107	0.00
39 T	1,2-Dichloropropane	0.324	0.350	-8.0	108	0.00
40 T	1,4-Dioxane	0.139	0.142	-2.2	100	0.00
41 T	Tetrahydrofuran	0.338	0.377	-11.5	97	0.00
42 T	Bromodichloromethane	0.792	0.809	-2.1	104	0.00
43	Methyl Methacrylate	0.306	0.359	-17.3	104	0.00
44 T	2,2,4-Trimethylpentane	1.505	1.585	-5.3	105	0.00
45 T	t-1,3-Dichloropropene	0.414	0.514	-24.2	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.525	0.629	-19.8	104	0.00
47 T	1,1,2-Trichloroethane	0.400	0.385	3.8	100	0.00
48 T	Dibromochloromethane	0.662	0.666	-0.6	99	0.00
49 T	Bromoform	0.520	0.523	-0.6	94	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.823	-7.7	103	0.00
51 T	2-Hexanone	0.686	0.761	-10.9	99	0.00
52 T	Tetrachloroethene	0.349	0.354	-1.4	100	0.00
53 T	Toluene	0.983	1.086	-10.5	100	0.00
54 T	1,2-Dibromoethane	0.586	0.590	-0.7	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.483	0.453	6.2	97	0.00
57 T	Chlorobenzene	0.913	0.844	7.6	97	0.00
58 T	Ethyl Benzene	1.406	1.506	-7.1	96	0.00
59 T	m/p-Xylene	1.233	1.244	-0.9	95	0.00
60 T	o-Xylene	1.236	1.260	-1.9	95	0.00
61 T	Styrene	0.239	0.303	-26.8	95	0.00
62	Isopropylbenzene	1.577	1.580	-0.2	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.958	0.821	14.3	93	0.00
64	n-propylbenzene	0.394	0.399	-1.3	95	0.00
65	tert-Butylbenzene	1.378	1.367	0.8	95	0.00
66 T	Benzyl Chloride	0.153	0.142	7.2	90	0.00
67	sec-Butylbenzene	2.000	1.924	3.8	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.772	0.718	7.0	90	0.00
69	p-Isopropyltoluene	1.549	1.563	-0.9	95	0.00
70	n-Butylbenzene	1.596	1.593	0.2	95	0.00
71	2-Chlorotoluene	1.159	1.205	-4.0	95	0.00
72 T	4-Ethyltoluene	1.230	1.336	-8.6	95	0.00
73 T	1,3,5-Trimethylbenzene	1.135	1.184	-4.3	96	0.00
74 T	1,2,4-Trimethylbenzene	1.279	1.250	2.3	95	0.00
75 T	1,3-Dichlorobenzene	0.879	0.783	10.9	93	0.00
76 T	1,4-Dichlorobenzene	0.837	0.791	5.5	93	0.00
77 T	1,2-Dichlorobenzene	0.832	0.759	8.8	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.330	0.280	15.2	105	0.00
79 T	Naphthalene	0.724	0.905	-25.0	95	0.00
80 T	Naphthalene,2-methyl-	0.179	0.462	-158.1#	100	0.00
81 T	1,2,4-Trichlorobenzene	0.425	0.469	-10.4	96	0.00

(#) = Out of Range

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