

Data Path : W:\HPCHEM1\MSVOA L\Data\VL051618\
 Data File : VL032004.D
 Acq On : 16 May 2018 15:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 17 09:11:11 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018
 QLast Update : Thu May 03 15:52:13 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	97	0.00
2 T	Dichlorodifluoromethane	1.321	1.047	20.7	84	0.00
3	Chlorodifluoromethane	0.941	0.912	3.1	104	0.00
4	Chloromethane	0.496	0.475	4.2	96	0.00
5 T	Vinyl Chloride	0.559	0.504	9.8	99	0.00
6 T	Bromomethane	0.364	0.361	0.8	102	0.00
7	Chloroethane	0.213	0.210	1.4	104	0.00
8 T	Dichlorotetrafluoroethane	1.315	1.268	3.6	102	0.00
9 T	Propene	0.345	0.339	1.7	96	0.00
10 T	Heptane	1.186	1.196	-0.8	102	0.00
11 T	Trichlorofluoromethane	1.595	1.761	-10.4	128	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.123	1.135	-1.1	110	0.00
13	Ethanol	0.129	0.106	17.8	100	0.00
14 T	Bromoethene	0.415	0.409	1.4	103	0.00
15 T	Acetone	1.414	1.061	25.0	96	0.00
16 T	1,3-Butadiene	0.454	0.458	-0.9	96	0.00
17	tert-Butyl alcohol	0.585	0.616	-5.3	107	0.00
18 T	1,1-Dichloroethene	0.493	0.510	-3.4	113	0.00
19 T	Isopropyl Alcohol	0.764	0.809	-5.9	118	0.00
20 T	Methylene Chloride	0.477	0.489	-2.5	111	0.00
21 T	Allyl Chloride	0.806	0.823	-2.1	103	0.00
22 T	trans-1,2-Dichloroethene	0.547	0.527	3.7	102	0.00
23 T	Vinyl Acetate	1.615	1.577	2.4	96	0.00
24 T	1,1-Dichloroethane	1.507	1.420	5.8	102	0.00
25 T	Ethyl Acetate	2.427	2.260	6.9	96	0.00
26 T	Hexane	1.141	1.067	6.5	97	0.00
27 T	Carbon Disulfide	1.278	1.437	-12.4	107	0.00
28 T	Methyl tert-Butyl Ether	1.403	1.370	2.4	97	0.00
29 T	Chloroform	1.805	1.698	5.9	101	0.00
30 T	Cyclohexane	0.760	0.753	0.9	103	-0.01
31 T	cis-1,2-Dichloroethene	1.044	1.005	3.7	97	0.00
32 T	1,1,1-Trichloroethane	1.664	1.431	14.0	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.825	0.688	16.6	91	0.00
35 T	Carbon Tetrachloride	0.793	0.733	7.6	104	0.00
36 T	Benzene	0.942	0.822	12.7	95	0.00
37 T	1,2-Dichloroethane	0.677	0.578	14.6	87	0.00
38 T	Trichloroethene	0.358	0.352	1.7	104	0.00
39 T	1,2-Dichloropropane	0.328	0.311	5.2	101	0.00
40 T	1,4-Dioxane	0.148	0.141	4.7	102	0.00
41 T	Tetrahydrofuran	0.359	0.307	14.5	80	0.00
42 T	Bromodichloromethane	0.755	0.734	2.8	103	0.00
43	Methyl Methacrylate	0.317	0.319	-0.6	101	0.00
44 T	2,2,4-Trimethylpentane	1.519	1.434	5.6	102	0.00
45 T	t-1,3-Dichloropropene	0.421	0.470	-11.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.519	0.570	-9.8	102	0.00
47 T	1,1,2-Trichloroethane	0.388	0.365	5.9	101	0.00
48 T	Dibromochloromethane	0.622	0.629	-1.1	103	0.00
49 T	Bromoform	0.483	0.481	0.4	100	-0.01
50 T	4-Methyl-2-Pentanone	0.779	0.768	1.4	100	0.00
51 T	2-Hexanone	0.709	0.738	-4.1	101	0.00
52 T	Tetrachloroethene	0.349	0.329	5.7	99	-0.01
53 T	Toluene	1.015	1.038	-2.3	101	0.00
54 T	1,2-Dibromoethane	0.578	0.558	3.5	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	-0.01
56	1,1,1,2-Tetrachloroethane	0.455	0.411	9.7	102	-0.01
57 T	Chlorobenzene	0.862	0.764	11.4	103	-0.01
58 T	Ethyl Benzene	1.432	1.366	4.6	100	-0.01
59 T	m/p-Xylene	1.215	1.133	6.7	104	-0.01
60 T	o-Xylene	1.219	1.150	5.7	104	-0.01
61 T	Styrene	0.247	0.269	-8.9	98	-0.01
62	Isopropylbenzene	1.558	1.410	9.5	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.866	0.737	14.9	102	0.00
64	n-propylbenzene	0.391	0.359	8.2	102	-0.01
65	tert-Butylbenzene	1.390	1.229	11.6	100	-0.02
66 T	Benzyl Chloride	0.126	0.127	-0.8	105	0.00
67	sec-Butylbenzene	1.929	1.740	9.8	100	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.775	0.751	3.1	103	0.00
69	p-Isopropyltoluene	1.551	1.437	7.4	100	-0.01
70	n-Butylbenzene	1.605	1.502	6.4	103	-0.01
71	2-Chlorotoluene	1.141	1.068	6.4	101	-0.01
72 T	4-Ethyltoluene	1.237	1.185	4.2	101	0.00
73 T	1,3,5-Trimethylbenzene	1.144	1.058	7.5	99	-0.01
74 T	1,2,4-Trimethylbenzene	1.266	1.137	10.2	103	0.00
75 T	1,3-Dichlorobenzene	0.781	0.711	9.0	105	-0.02
76 T	1,4-Dichlorobenzene	0.773	0.716	7.4	104	-0.01
77 T	1,2-Dichlorobenzene	0.786	0.700	10.9	103	-0.01
78 T	Hexachloro-1,3-Butadiene	0.357	0.361	-1.1	91	-0.02
79 T	Naphthalene	0.881	1.260	-43.0#	147	-0.02
80 T	Naphthalene,2-methyl-	0.210	0.570	-171.4#	182#	0.00
81 T	1,2,4-Trichlorobenzene	0.489	0.624	-27.6	140	-0.01

(#) = Out of Range

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