

Data Path : W:\HPCHEM1\MSVOA L\Data\VL041918\
 Data File : VL031880.D
 Acq On : 19 Apr 2018 15:44
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 20 08:04:32 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
 QLast Update : Fri Apr 13 16:50:02 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	102	0.00
2 T	Dichlorodifluoromethane	2.063	1.754	15.0	105	0.00
3	Chlorodifluoromethane	1.163	1.073	7.7	101	0.00
4	Chloromethane	0.594	0.559	5.9	103	0.00
5 T	Vinyl Chloride	0.669	0.592	11.5	104	0.00
6 T	Bromomethane	0.439	0.418	4.8	105	0.00
7	Chloroethane	0.267	0.247	7.5	106	0.00
8 T	Dichlorotetrafluoroethane	1.694	1.475	12.9	100	0.00
9 T	Propene	0.402	0.426	-6.0	107	0.00
10 T	Heptane	1.305	1.379	-5.7	106	0.00
11 T	Trichlorofluoromethane	2.022	1.750	13.5	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.314	1.123	14.5	100	0.00
13	Ethanol	0.136	0.113	16.9	105	0.00
14 T	Bromoethene	0.496	0.488	1.6	109	0.00
15 T	Acetone	1.539	1.310	14.9	105	0.00
16 T	1,3-Butadiene	0.569	0.528	7.2	94	0.00
17	tert-Butyl alcohol	0.636	0.650	-2.2	108	0.00
18 T	1,1-Dichloroethene	0.565	0.519	8.1	104	0.00
19 T	Isopropyl Alcohol	0.860	0.792	7.9	103	0.00
20 T	Methylene Chloride	0.561	0.477	15.0	103	0.00
21 T	Allyl Chloride	0.879	0.833	5.2	103	0.00
22 T	trans-1,2-Dichloroethene	0.585	0.549	6.2	105	0.00
23 T	Vinyl Acetate	1.561	1.585	-1.5	108	0.00
24 T	1,1-Dichloroethane	1.555	1.419	8.7	108	0.00
25 T	Ethyl Acetate	2.400	2.346	2.2	107	0.00
26 T	Hexane	1.119	1.103	1.4	106	0.00
27 T	Carbon Disulfide	1.453	1.433	1.4	103	0.00
28 T	Methyl tert-Butyl Ether	1.377	1.411	-2.5	110	0.00
29 T	Chloroform	1.897	1.722	9.2	104	0.00
30 T	Cyclohexane	0.799	0.852	-6.6	107	0.00
31 T	cis-1,2-Dichloroethene	1.014	1.027	-1.3	106	0.00
32 T	1,1,1-Trichloroethane	1.848	1.700	8.0	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.694	0.681	1.9	112	0.00
35 T	Carbon Tetrachloride	0.869	0.763	12.2	104	0.00
36 T	Benzene	0.899	0.905	-0.7	107	0.00
37 T	1,2-Dichloroethane	0.669	0.598	10.6	101	0.00
38 T	Trichloroethene	0.365	0.351	3.8	106	0.00
39 T	1,2-Dichloropropane	0.334	0.333	0.3	109	0.00
40 T	1,4-Dioxane	0.136	0.139	-2.2	104	0.00
41 T	Tetrahydrofuran	0.321	0.346	-7.8	112	0.00
42 T	Bromodichloromethane	0.801	0.774	3.4	106	0.00
43	Methyl Methacrylate	0.317	0.334	-5.4	105	0.00
44 T	2,2,4-Trimethylpentane	1.549	1.529	1.3	107	0.00
45 T	t-1,3-Dichloropropene	0.411	0.488	-18.7	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.525	0.580	-10.5	105	0.00
47 T	1,1,2-Trichloroethane	0.397	0.388	2.3	106	0.00
48 T	Dibromochloromethane	0.642	0.659	-2.6	106	0.00
49 T	Bromoform	0.494	0.510	-3.2	104	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.806	-1.5	105	0.00
51 T	2-Hexanone	0.694	0.779	-12.2	106	0.00
52 T	Tetrachloroethene	0.350	0.338	3.4	107	0.00
53 T	Toluene	1.003	1.088	-8.5	107	0.00
54 T	1,2-Dibromoethane	0.577	0.583	-1.0	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.471	0.425	9.8	103	0.00
57 T	Chlorobenzene	0.848	0.772	9.0	104	0.00
58 T	Ethyl Benzene	1.389	1.422	-2.4	104	0.00
59 T	m/p-Xylene	1.206	1.156	4.1	103	0.00
60 T	o-Xylene	1.205	1.184	1.7	103	0.00
61 T	Styrene	0.230	0.283	-23.0	105	0.00
62	Isopropylbenzene	1.548	1.483	4.2	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.927	0.797	14.0	103	0.00
64	n-propylbenzene	0.376	0.369	1.9	102	0.00
65	tert-Butylbenzene	1.332	1.278	4.1	102	0.00
66 T	Benzyl Chloride	0.120	0.130	-8.3	106	0.00
67	sec-Butylbenzene	1.918	1.823	5.0	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.804	0.778	3.2	100	0.00
69	p-Isopropyltoluene	1.487	1.487	0.0	104	0.00
70	n-Butylbenzene	1.548	1.519	1.9	102	0.00
71	2-Chlorotoluene	1.119	1.111	0.7	102	0.00
72 T	4-Ethyltoluene	1.232	1.229	0.2	102	0.00
73 T	1,3,5-Trimethylbenzene	1.128	1.107	1.9	101	0.00
74 T	1,2,4-Trimethylbenzene	1.259	1.167	7.3	102	0.00
75 T	1,3-Dichlorobenzene	0.772	0.717	7.1	103	0.00
76 T	1,4-Dichlorobenzene	0.749	0.720	3.9	102	0.00
77 T	1,2-Dichlorobenzene	0.760	0.711	6.4	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.292	0.395	-35.3#	165#	0.00
79 T	Naphthalene	0.708	0.845	-19.4	105	0.00
80 T	Naphthalene,2-methyl-	0.138	0.233	-68.8#	98	0.00
81 T	1,2,4-Trichlorobenzene	0.393	0.435	-10.7	105	0.00

(#) = Out of Range

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