

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL071918\
 Data File : VL032307.D
 Acq On : 20 Jul 2018 10:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 20 12:19:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 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	85	0.00
2 T	Dichlorodifluoromethane	1.700	1.030	39.4#	55	0.00
3	Chlorodifluoromethane	1.122	1.211	-7.9	101	0.00
4	Chloromethane	0.661	0.737	-11.5	101	0.00
5 T	Vinyl Chloride	0.626	0.690	-10.2	100	0.00
6 T	Bromomethane	0.341	0.369	-8.2	98	0.00
7	Chloroethane	0.222	0.241	-8.6	99	0.00
8 T	Dichlorotetrafluoroethane	1.388	1.390	-0.1	95	0.00
9 T	Propene	0.490	0.603	-23.1	105	0.00
10 T	Heptane	1.559	2.053	-31.7#	104	0.00
11 T	Trichlorofluoromethane	1.329	1.308	1.6	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.848	0.881	-3.9	98	0.00
13	Ethanol	0.140	0.144	-2.9	104	0.00
14 T	Bromoethene	0.382	0.425	-11.3	99	0.00
15 T	Acetone	1.047	1.054	-0.7	94	0.00
16 T	1,3-Butadiene	0.533	0.595	-11.6	98	0.00
17	tert-Butyl alcohol	0.330	0.382	-15.8	104	0.00
18 T	1,1-Dichloroethene	0.396	0.424	-7.1	98	0.00
19 T	Isopropyl Alcohol	0.708	0.812	-14.7	99	0.00
20 T	Methylene Chloride	0.403	0.374	7.2	94	0.00
21 T	Allyl Chloride	0.689	0.778	-12.9	99	0.00
22 T	trans-1,2-Dichloroethene	0.411	0.455	-10.7	99	0.00
23 T	Vinyl Acetate	1.877	2.208	-17.6	100	0.00
24 T	1,1-Dichloroethane	1.362	1.458	-7.0	98	0.00
25 T	Ethyl Acetate	2.280	2.512	-10.2	100	0.00
26 T	Hexane	1.047	1.140	-8.9	99	0.00
27 T	Carbon Disulfide	0.927	1.099	-18.6	96	0.00
28 T	Methyl tert-Butyl Ether	1.552	1.717	-10.6	94	0.00
29 T	Chloroform	1.544	1.608	-4.1	93	0.00
30 T	Cyclohexane	0.878	0.950	-8.2	93	0.00
31 T	cis-1,2-Dichloroethene	1.004	1.152	-14.7	100	0.00
32 T	1,1,1-Trichloroethane	1.562	1.610	-3.1	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
34 T	2-Butanone	0.686	0.829	-20.8	102	0.00
35 T	Carbon Tetrachloride	0.688	0.751	-9.2	93	0.00
36 T	Benzene	0.984	1.133	-15.1	98	0.00
37 T	1,2-Dichloroethane	0.581	0.626	-7.7	93	0.00
38 T	Trichloroethene	0.326	0.362	-11.0	94	0.00
39 T	1,2-Dichloropropane	0.390	0.447	-14.6	98	0.00
40 T	1,4-Dioxane	0.115	0.147	-27.8	98	0.00
41 T	Tetrahydrofuran	0.400	0.515	-28.7	100	0.00
42 T	Bromodichloromethane	0.732	0.822	-12.3	94	0.00
43	Methyl Methacrylate	0.403	0.505	-25.3	87	0.00
44 T	2,2,4-Trimethylpentane	1.716	1.938	-12.9	87	0.00
45 T	t-1,3-Dichloropropene	0.475	0.606	-27.6	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.606	0.830	-37.0#	98	0.00
47 T	1,1,2-Trichloroethane	0.421	0.411	2.4	79	0.00
48 T	Dibromochloromethane	0.614	0.797	-29.8	103	0.00
49 T	Bromoform	0.536	0.648	-20.9	100	0.00
50 T	4-Methyl-2-Pentanone	1.129	1.465	-29.8	101	0.00
51 T	2-Hexanone	0.861	1.007	-17.0	101	0.00
52 T	Tetrachloroethene	0.336	0.392	-16.7	106	0.00
53 T	Toluene	1.193	1.447	-21.3	98	0.00
54 T	1,2-Dibromoethane	0.621	0.771	-24.2	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.445	0.447	-0.4	102	0.00
57 T	Chlorobenzene	0.820	0.827	-0.9	104	0.00
58 T	Ethyl Benzene	1.409	1.531	-8.7	97	0.00
59 T	m/p-Xylene	1.202	1.247	-3.7	104	0.00
60 T	o-Xylene	1.197	1.195	0.2	103	0.00
61 T	Styrene	0.889	0.963	-8.3	96	0.00
62	Isopropylbenzene	1.716	1.689	1.6	96	0.00
63 T	1,1,2,2-Tetrachloroethane	1.021	0.880	13.8	102	0.00
64	n-propylbenzene	0.441	0.443	-0.5	95	0.00
65	tert-Butylbenzene	1.462	1.369	6.4	95	0.00
66 T	Benzyl Chloride	0.823	0.924	-12.3	90	0.00
67	sec-Butylbenzene	2.182	2.065	5.4	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.741	8.6	83	0.00
69	p-Isopropyltoluene	1.685	1.677	0.5	100	0.00
70	n-Butylbenzene	1.880	1.865	0.8	99	0.00
71	2-Chlorotoluene	1.376	1.348	2.0	94	0.00
72 T	4-Ethyltoluene	1.383	1.411	-2.0	95	0.00
73 T	1,3,5-Trimethylbenzene	1.352	1.338	1.0	95	0.00
74 T	1,2,4-Trimethylbenzene	1.416	1.316	7.1	97	0.00
75 T	1,3-Dichlorobenzene	0.787	0.731	7.1	98	0.00
76 T	1,4-Dichlorobenzene	0.780	0.745	4.5	97	0.00
77 T	1,2-Dichlorobenzene	0.760	0.732	3.7	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.247	0.439	-77.7#	201#	0.00
79 T	Naphthalene	1.189	1.278	-7.5	103	0.00
80 T	Naphthalene,2-methyl-	0.505	0.608	-20.4	99	0.00
81 T	1,2,4-Trichlorobenzene	0.580	0.601	-3.6	103	0.00

(#) = Out of Range

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