

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110718\
 Data File : VL032712.D
 Acq On : 7 Nov 2018 10:45
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 07 13:46:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 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	91	0.00
2 T	Dichlorodifluoromethane	1.019	1.268	-24.4	172#	0.00
3	Chlorodifluoromethane	0.782	0.745	4.7	101	0.00
4	Chloromethane	0.437	0.424	3.0	103	0.00
5 T	Vinyl Chloride	0.473	0.441	6.8	104	0.00
6 T	Bromomethane	0.295	0.272	7.8	101	0.00
7	Chloroethane	0.174	0.157	9.8	99	0.00
8 T	Dichlorotetrafluoroethane	1.074	1.006	6.3	101	0.00
9 T	Propene	0.322	0.331	-2.8	104	0.00
10 T	Heptane	1.240	1.279	-3.1	100	0.00
11 T	Trichlorofluoromethane	1.331	1.114	16.3	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	0.972	12.2	88	0.00
13	Ethanol	0.092	0.085	7.6	99	0.00
14 T	Bromoethene	0.374	0.351	6.1	100	0.00
15 T	Acetone	0.923	0.745	19.3	101	0.00
16 T	1,3-Butadiene	0.340	0.391	-15.0	118	0.00
17	tert-Butyl alcohol	0.272	0.338	-24.3	94	0.00
18 T	1,1-Dichloroethene	0.486	0.530	-9.1	102	0.00
19 T	Isopropyl Alcohol	0.658	0.560	14.9	90	0.00
20 T	Methylene Chloride	0.469	0.445	5.1	99	0.00
21 T	Allyl Chloride	0.758	0.864	-14.0	104	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.511	-2.4	100	0.00
23 T	Vinyl Acetate	1.636	1.775	-8.5	105	0.00
24 T	1,1-Dichloroethane	1.285	1.277	0.6	102	0.00
25 T	Ethyl Acetate	2.126	2.133	-0.3	100	0.00
26 T	Hexane	1.006	0.989	1.7	98	0.00
27 T	Carbon Disulfide	1.220	1.308	-7.2	98	0.00
28 T	Methyl tert-Butyl Ether	1.445	1.604	-11.0	105	0.00
29 T	Chloroform	1.606	1.632	-1.6	103	0.00
30 T	Cyclohexane	0.796	0.882	-10.8	103	0.00
31 T	cis-1,2-Dichloroethene	0.933	0.988	-5.9	97	0.00
32 T	1,1,1-Trichloroethane	1.633	1.635	-0.1	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.536	0.555	-3.5	107	0.00
35 T	Carbon Tetrachloride	0.710	0.702	1.1	103	0.00
36 T	Benzene	0.812	0.839	-3.3	103	0.00
37 T	1,2-Dichloroethane	0.498	0.500	-0.4	101	0.00
38 T	Trichloroethene	0.301	0.325	-8.0	105	0.00
39 T	1,2-Dichloropropane	0.314	0.321	-2.2	104	0.00
40 T	1,4-Dioxane	0.107	0.115	-7.5	104	0.00
41 T	Tetrahydrofuran	0.299	0.337	-12.7	105	0.00
42 T	Bromodichloromethane	0.698	0.705	-1.0	102	0.00
43	Methyl Methacrylate	0.298	0.334	-12.1	102	0.00
44 T	2,2,4-Trimethylpentane	1.386	1.392	-0.4	102	0.00
45 T	t-1,3-Dichloropropene	0.398	0.482	-21.1	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.455	0.568	-24.8	110	0.00
47 T	1,1,2-Trichloroethane	0.371	0.366	1.3	100	0.00
48 T	Dibromochloromethane	0.618	0.603	2.4	92	0.00
49 T	Bromoform	0.485	0.505	-4.1	100	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.873	-9.9	108	0.00
51 T	2-Hexanone	0.590	0.622	-5.4	93	0.00
52 T	Tetrachloroethene	0.283	0.291	-2.8	103	0.00
53 T	Toluene	0.931	0.970	-4.2	95	0.00
54 T	1,2-Dibromoethane	0.504	0.519	-3.0	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.411	5.9	103	0.00
57 T	Chlorobenzene	0.735	0.687	6.5	102	0.00
58 T	Ethyl Benzene	1.162	1.229	-5.8	102	0.00
59 T	m/p-Xylene	1.035	1.016	1.8	101	0.00
60 T	o-Xylene	0.998	0.972	2.6	101	0.00
61 T	Styrene	0.669	0.744	-11.2	101	0.00
62	Isopropylbenzene	1.412	1.366	3.3	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.650	16.9	96	0.00
64	n-propylbenzene	0.351	0.348	0.9	100	0.00
65	tert-Butylbenzene	1.203	1.233	-2.5	106	0.00
66 T	Benzyl Chloride	0.621	0.726	-16.9	104	0.00
67	sec-Butylbenzene	1.711	1.617	5.5	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.691	7.2	92	0.00
69	p-Isopropyltoluene	1.356	1.315	3.0	99	0.00
70	n-Butylbenzene	1.396	1.429	-2.4	103	0.00
71	2-Chlorotoluene	1.004	1.023	-1.9	101	0.00
72 T	4-Ethyltoluene	1.063	1.102	-3.7	101	0.00
73 T	1,3,5-Trimethylbenzene	1.035	1.028	0.7	100	0.00
74 T	1,2,4-Trimethylbenzene	1.106	1.112	-0.5	106	0.00
75 T	1,3-Dichlorobenzene	0.636	0.624	1.9	106	0.00
76 T	1,4-Dichlorobenzene	0.587	0.616	-4.9	107	0.00
77 T	1,2-Dichlorobenzene	0.602	0.552	8.3	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.285	0.361	-26.7	162#	0.00
79 T	Naphthalene	0.687	0.868	-26.3	108	0.00
80 T	Naphthalene,2-methyl-	0.167	0.320	-91.6#	107	0.00
81 T	1,2,4-Trichlorobenzene	0.356	0.414	-16.3	102	0.00

(#) = Out of Range

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