

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL030320\
 Data File : VL034758.D
 Acq On : 3 Mar 2020 9:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 05:54:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 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	1.578	1.136	28.0	96	0.00
3	Chlorodifluoromethane	1.079	1.006	6.8	103	0.00
4	Chloromethane	0.604	0.551	8.8	98	0.00
5 T	Vinyl Chloride	0.593	0.551	7.1	101	0.00
6 T	Bromomethane	0.347	0.328	5.5	101	0.00
7	Chloroethane	0.220	0.207	5.9	100	0.00
8 T	Dichlorotetrafluoroethane	1.395	1.274	8.7	104	0.00
9 T	Propene	0.451	0.411	8.9	97	0.00
10 T	Heptane	1.161	1.136	2.2	100	0.00
11 T	Trichlorofluoromethane	1.382	1.310	5.2	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.974	0.917	5.9	106	0.00
13	Ethanol	0.143	0.133	7.0	105	0.00
14 T	Bromoethene	0.406	0.397	2.2	104	0.00
15 T	Acetone	1.140	1.003	12.0	104	0.00
16 T	1,3-Butadiene	0.527	0.507	3.8	101	0.00
17	tert-Butyl alcohol	0.873	1.047	-19.9	110	0.00
18 T	1,1-Dichloroethene	0.437	0.413	5.5	104	0.00
19 T	Isopropyl Alcohol	0.679	0.796	-17.2	109	0.00
20 T	Methylene Chloride	0.424	0.366	13.7	105	0.00
21 T	Allyl Chloride	0.754	0.743	1.5	103	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.411	3.5	102	0.00
23 T	Vinyl Acetate	1.549	1.596	-3.0	102	0.00
24 T	1,1-Dichloroethane	1.237	1.160	6.2	103	0.00
25 T	Ethyl Acetate	2.017	1.932	4.2	102	0.00
26 T	Hexane	0.930	0.866	6.9	100	0.00
27 T	Carbon Disulfide	1.055	1.090	-3.3	103	0.00
28 T	Methyl tert-Butyl Ether	1.328	1.338	-0.8	103	0.00
29 T	Chloroform	1.481	1.389	6.2	104	0.00
30 T	Cyclohexane	0.721	0.704	2.4	99	0.00
31 T	cis-1,2-Dichloroethene	0.915	0.912	0.3	101	0.00
32 T	1,1,1-Trichloroethane	1.383	1.350	2.4	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.629	0.611	2.9	101	0.00
35 T	Carbon Tetrachloride	0.670	0.670	0.0	105	0.00
36 T	Benzene	0.864	0.813	5.9	99	0.00
37 T	1,2-Dichloroethane	0.544	0.546	-0.4	107	0.00
38 T	Trichloroethene	0.333	0.310	6.9	101	0.01
39 T	1,2-Dichloropropane	0.344	0.329	4.4	99	0.00
40 T	1,4-Dioxane	0.117	0.122	-4.3	99	0.00
41 T	Tetrahydrofuran	0.332	0.341	-2.7	100	0.00
42 T	Bromodichloromethane	0.713	0.721	-1.1	104	0.00
43	Methyl Methacrylate	0.363	0.381	-5.0	100	0.00
44 T	2,2,4-Trimethylpentane	1.509	1.412	6.4	98	0.00
45 T	t-1,3-Dichloropropene	0.396	0.457	-15.4	101	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.519	-9.3	99	0.00
47 T	1,1,2-Trichloroethane	0.353	0.334	5.4	99	0.00
48 T	Dibromochloromethane	0.548	0.584	-6.6	104	0.00
49 T	Bromoform	0.475	0.503	-5.9	103	0.02
50 T	4-Methyl-2-Pentanone	0.892	0.908	-1.8	101	0.00
51 T	2-Hexanone	0.702	0.751	-7.0	101	0.00
52 T	Tetrachloroethene	0.317	0.294	7.3	104	0.00
53 T	Toluene	0.919	0.935	-1.7	99	0.01
54 T	1,2-Dibromoethane	0.526	0.522	0.8	101	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.02
56	1,1,1,2-Tetrachloroethane	0.426	0.425	0.2	106	0.01
57 T	Chlorobenzene	0.739	0.700	5.3	101	0.00
58 T	Ethyl Benzene	1.210	1.256	-3.8	101	0.00
59 T	m/p-Xylene	1.055	1.038	1.6	100	0.00
60 T	o-Xylene	1.047	1.042	0.5	103	0.00
61 T	Styrene	0.673	0.733	-8.9	99	0.00
62	Isopropylbenzene	1.528	1.505	1.5	102	0.01
63 T	1,1,2,2-Tetrachloroethane	0.816	0.740	9.3	103	0.01
64	n-propylbenzene	0.394	0.393	0.3	100	0.01
65	tert-Butylbenzene	1.319	1.312	0.5	103	0.00
66 T	Benzyl Chloride	0.492	0.608	-23.6	104	0.00
67	sec-Butylbenzene	1.898	1.870	1.5	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.842	-2.7	102	0.01
69	p-Isopropyltoluene	1.562	1.565	-0.2	104	0.00
70	n-Butylbenzene	1.701	1.673	1.6	103	0.02
71	2-Chlorotoluene	1.183	1.178	0.4	101	0.00
72 T	4-Ethyltoluene	1.165	1.212	-4.0	102	0.01
73 T	1,3,5-Trimethylbenzene	1.121	1.140	-1.7	102	0.01
74 T	1,2,4-Trimethylbenzene	1.238	1.190	3.9	104	0.01
75 T	1,3-Dichlorobenzene	0.715	0.674	5.7	103	0.00
76 T	1,4-Dichlorobenzene	0.715	0.674	5.7	101	0.01
77 T	1,2-Dichlorobenzene	0.691	0.659	4.6	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.602	0.560	7.0	106	0.00
79 T	Naphthalene	1.090	1.111	-1.9	101	0.01
80 T	Naphthalene,2-methyl-	0.336	0.517	-53.9#	173#	0.01
81 T	1,2,4-Trichlorobenzene	0.650	0.641	1.4	103	0.01

(#) = Out of Range

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