

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022720\
 Data File : VL034730.D
 Acq On : 28 Feb 2020 5:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 28 07:36:49 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	98	0.00
2 T	Dichlorodifluoromethane	1.578	1.623	-2.9	131	0.00
3	Chlorodifluoromethane	1.079	1.088	-0.8	107	0.00
4	Chloromethane	0.604	0.645	-6.8	110	0.00
5 T	Vinyl Chloride	0.593	0.599	-1.0	105	0.00
6 T	Bromomethane	0.347	0.343	1.2	102	0.00
7	Chloroethane	0.220	0.218	0.9	101	0.00
8 T	Dichlorotetrafluoroethane	1.395	1.292	7.4	101	0.00
9 T	Propene	0.451	0.525	-16.4	118	0.00
10 T	Heptane	1.161	1.313	-13.1	110	0.00
11 T	Trichlorofluoromethane	1.382	1.312	5.1	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.974	0.929	4.6	103	0.00
13	Ethanol	0.143	0.111	22.4	84	0.00
14 T	Bromoethene	0.406	0.415	-2.2	105	0.00
15 T	Acetone	1.140	1.121	1.7	112	0.00
16 T	1,3-Butadiene	0.527	0.572	-8.5	110	0.00
17	tert-Butyl alcohol	0.873	0.840	3.8	84	0.00
18 T	1,1-Dichloroethene	0.437	0.430	1.6	104	0.00
19 T	Isopropyl Alcohol	0.679	0.621	8.5	81	0.00
20 T	Methylene Chloride	0.424	0.371	12.5	102	0.00
21 T	Allyl Chloride	0.754	0.787	-4.4	105	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.438	-2.8	104	0.00
23 T	Vinyl Acetate	1.549	1.873	-20.9	114	0.00
24 T	1,1-Dichloroethane	1.237	1.197	3.2	102	0.00
25 T	Ethyl Acetate	2.017	2.158	-7.0	109	0.00
26 T	Hexane	0.930	0.953	-2.5	106	0.00
27 T	Carbon Disulfide	1.055	1.088	-3.1	99	0.00
28 T	Methyl tert-Butyl Ether	1.328	1.518	-14.3	112	0.00
29 T	Chloroform	1.481	1.433	3.2	102	0.00
30 T	Cyclohexane	0.721	0.798	-10.7	108	0.00
31 T	cis-1,2-Dichloroethene	0.915	1.001	-9.4	106	0.00
32 T	1,1,1-Trichloroethane	1.383	1.396	-0.9	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.629	0.684	-8.7	111	0.00
35 T	Carbon Tetrachloride	0.670	0.661	1.3	101	0.00
36 T	Benzene	0.864	0.900	-4.2	107	0.00
37 T	1,2-Dichloroethane	0.544	0.526	3.3	101	0.00
38 T	Trichloroethene	0.333	0.332	0.3	106	0.00
39 T	1,2-Dichloropropane	0.344	0.364	-5.8	107	0.00
40 T	1,4-Dioxane	0.117	0.121	-3.4	96	0.00
41 T	Tetrahydrofuran	0.332	0.394	-18.7	113	0.00
42 T	Bromodichloromethane	0.713	0.721	-1.1	102	0.00
43	Methyl Methacrylate	0.363	0.416	-14.6	107	0.00
44 T	2,2,4-Trimethylpentane	1.509	1.537	-1.9	105	0.00
45 T	t-1,3-Dichloropropene	0.396	0.482	-21.7	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.564	-18.7	106	0.00
47 T	1,1,2-Trichloroethane	0.353	0.361	-2.3	105	0.00
48 T	Dibromochloromethane	0.548	0.582	-6.2	102	0.00
49 T	Bromoform	0.475	0.500	-5.3	100	0.00
50 T	4-Methyl-2-Pentanone	0.892	1.010	-13.2	110	0.00
51 T	2-Hexanone	0.702	0.837	-19.2	110	0.00
52 T	Tetrachloroethene	0.317	0.303	4.4	105	0.00
53 T	Toluene	0.919	1.026	-11.6	107	0.00
54 T	1,2-Dibromoethane	0.526	0.543	-3.2	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	0.426	0.394	7.5	105	0.00
57 T	Chlorobenzene	0.739	0.674	8.8	104	0.00
58 T	Ethyl Benzene	1.210	1.234	-2.0	106	0.00
59 T	m/p-Xylene	1.055	0.998	5.4	103	0.00
60 T	o-Xylene	1.047	0.976	6.8	103	0.00
61 T	Styrene	0.673	0.717	-6.5	104	0.00
62	Isopropylbenzene	1.528	1.426	6.7	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.816	0.679	16.8	100	0.00
64	n-propylbenzene	0.394	0.374	5.1	102	0.00
65	tert-Butylbenzene	1.319	1.226	7.1	103	0.00
66 T	Benzyl Chloride	0.492	0.557	-13.2	102	0.00
67	sec-Butylbenzene	1.898	1.745	8.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.762	7.1	98	0.00
69	p-Isopropyltoluene	1.562	1.463	6.3	104	0.00
70	n-Butylbenzene	1.701	1.572	7.6	103	0.00
71	2-Chlorotoluene	1.183	1.104	6.7	101	0.00
72 T	4-Ethyltoluene	1.165	1.155	0.9	104	0.00
73 T	1,3,5-Trimethylbenzene	1.121	1.080	3.7	103	0.00
74 T	1,2,4-Trimethylbenzene	1.238	1.115	9.9	104	0.00
75 T	1,3-Dichlorobenzene	0.715	0.635	11.2	103	0.00
76 T	1,4-Dichlorobenzene	0.715	0.647	9.5	103	0.00
77 T	1,2-Dichlorobenzene	0.691	0.633	8.4	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.602	0.582	3.3	118	0.00
79 T	Naphthalene	1.090	1.144	-5.0	111	0.00
80 T	Naphthalene,2-methyl-	0.336	0.464	-38.1#	165#	0.00
81 T	1,2,4-Trichlorobenzene	0.650	0.660	-1.5	113	0.00

(#) = Out of Range

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