

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082720\
 Data File : VL035525.D
 Acq On : 27 Aug 2020 19:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 28 03:04:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 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	92	0.00
2 T	Dichlorodifluoromethane	1.733	1.572	9.3	97	0.00
3	Chlorodifluoromethane	1.106	1.062	4.0	93	0.00
4	Chloromethane	0.593	0.570	3.9	91	0.00
5 T	Vinyl Chloride	0.731	0.674	7.8	92	0.00
6 T	Bromomethane	0.614	0.595	3.1	91	0.00
7	Chloroethane	0.258	0.254	1.6	92	0.00
8 T	Dichlorotetrafluoroethane	2.099	1.987	5.3	94	0.00
9 T	Propene	0.426	0.412	3.3	93	0.00
10 T	Heptane	1.145	1.162	-1.5	94	0.02
11 T	Trichlorofluoromethane	2.527	2.455	2.8	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.851	2.9	94	0.00
13	Ethanol	0.106	0.100	5.7	95	0.00
14 T	Bromoethene	0.821	0.820	0.1	92	0.00
15 T	Acetone	1.103	0.898	18.6	84	0.00
16 T	1,3-Butadiene	0.411	0.417	-1.5	94	0.00
17	tert-Butyl alcohol	1.342	1.297	3.4	88	0.00
18 T	1,1-Dichloroethene	0.840	0.848	-1.0	93	0.00
19 T	Isopropyl Alcohol	0.658	0.666	-1.2	91	0.00
20 T	Methylene Chloride	0.821	0.728	11.3	101	0.00
21 T	Allyl Chloride	0.517	0.532	-2.9	89	0.00
22 T	trans-1,2-Dichloroethene	0.894	0.896	-0.2	94	0.00
23 T	Vinyl Acetate	1.416	1.424	-0.6	90	0.00
24 T	1,1-Dichloroethane	1.457	1.438	1.3	95	0.01
25 T	Ethyl Acetate	1.948	1.888	3.1	94	0.01
26 T	Hexane	1.104	1.095	0.8	96	0.01
27 T	Carbon Disulfide	1.584	1.789	-12.9	94	0.00
28 T	Methyl tert-Butyl Ether	1.924	1.889	1.8	89	0.01
29 T	Chloroform	2.249	2.212	1.6	94	0.01
30 T	Cyclohexane	1.183	1.227	-3.7	92	0.02
31 T	cis-1,2-Dichloroethene	1.133	1.157	-2.1	93	0.01
32 T	1,1,1-Trichloroethane	2.182	2.177	0.2	93	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.02
34 T	2-Butanone	0.297	0.301	-1.3	92	0.01
35 T	Carbon Tetrachloride	0.503	0.542	-7.8	94	0.01
36 T	Benzene	0.647	0.654	-1.1	92	0.02
37 T	1,2-Dichloroethane	0.309	0.314	-1.6	95	0.01
38 T	Trichloroethene	0.376	0.353	6.1	92	0.01
39 T	1,2-Dichloropropane	0.219	0.220	-0.5	93	0.01
40 T	1,4-Dioxane	0.109	0.115	-5.5	88	0.01
41 T	Tetrahydrofuran	0.157	0.172	-9.6	93	0.01
42 T	Bromodichloromethane	0.499	0.540	-8.2	93	0.02
43	Methyl Methacrylate	0.250	0.272	-8.8	92	0.02
44 T	2,2,4-Trimethylpentane	0.852	0.858	-0.7	94	0.02
45 T	t-1,3-Dichloropropene	0.254	0.300	-18.1	89	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.363	-15.2	91	0.02
47 T	1,1,2-Trichloroethane	0.323	0.325	-0.6	93	0.02
48 T	Dibromochloromethane	0.508	0.574	-13.0	92	0.02
49 T	Bromoform	0.460	0.541	-17.6	91	0.02
50 T	4-Methyl-2-Pentanone	0.430	0.458	-6.5	94	0.02
51 T	2-Hexanone	0.353	0.393	-11.3	93	0.02
52 T	Tetrachloroethene	0.378	0.353	6.6	89	0.02
53 T	Toluene	0.814	0.843	-3.6	93	0.02
54 T	1,2-Dibromoethane	0.510	0.519	-1.8	92	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.417	-2.5	92	0.02
57 T	Chlorobenzene	0.736	0.684	7.1	93	0.02
58 T	Ethyl Benzene	1.031	1.034	-0.3	93	0.02
59 T	m/p-Xylene	0.862	0.845	2.0	94	0.02
60 T	o-Xylene	0.868	0.863	0.6	94	0.02
61 T	Styrene	0.664	0.697	-5.0	91	0.02
62	Isopropylbenzene	1.394	1.331	4.5	94	0.02
63 T	1,1,2,2-Tetrachloroethane	0.673	0.619	8.0	96	0.02
64	n-propylbenzene	0.425	0.420	1.2	91	0.02
65	tert-Butylbenzene	1.296	1.274	1.7	94	0.02
66 T	Benzyl Chloride	0.322	0.400	-24.2	84	0.02
67	sec-Butylbenzene	1.727	1.671	3.2	96	0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.705	0.7	92	0.02
69	p-Isopropyltoluene	1.514	1.465	3.2	94	0.02
70	n-Butylbenzene	1.459	1.423	2.5	95	0.02
71	2-Chlorotoluene	1.015	1.009	0.6	93	0.02
72 T	4-Ethyltoluene	1.103	1.106	-0.3	93	0.02
73 T	1,3,5-Trimethylbenzene	1.020	1.027	-0.7	94	0.02
74 T	1,2,4-Trimethylbenzene	1.121	1.079	3.7	94	0.02
75 T	1,3-Dichlorobenzene	0.830	0.772	7.0	91	0.02
76 T	1,4-Dichlorobenzene	0.819	0.779	4.9	91	0.02
77 T	1,2-Dichlorobenzene	0.804	0.755	6.1	91	0.02
78 T	Hexachloro-1,3-Butadiene	0.513	0.494	3.7	94	0.02
79 T	Naphthalene	1.243	1.299	-4.5	92	0.02
80 T	Naphthalene,2-methyl-	0.424	0.502	-18.4	88	0.01
81 T	1,2,4-Trichlorobenzene	0.745	0.741	0.5	92	0.02

(#) = Out of Range

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