

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090320\
 Data File : VL035527.D
 Acq On : 3 Sep 2020 11:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 06:54:49 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	100	0.00
2 T	Dichlorodifluoromethane	1.733	1.632	5.8	110	0.00
3	Chlorodifluoromethane	1.106	1.136	-2.7	108	0.00
4	Chloromethane	0.593	0.617	-4.0	107	0.00
5 T	Vinyl Chloride	0.731	0.729	0.3	108	0.00
6 T	Bromomethane	0.614	0.644	-4.9	107	0.00
7	Chloroethane	0.258	0.279	-8.1	111	0.00
8 T	Dichlorotetrafluoroethane	2.099	2.091	0.4	107	0.00
9 T	Propene	0.426	0.447	-4.9	109	0.00
10 T	Heptane	1.145	1.199	-4.7	105	0.00
11 T	Trichlorofluoromethane	2.527	2.456	2.8	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.898	0.5	105	0.00
13	Ethanol	0.106	0.107	-0.9	111	0.00
14 T	Bromoethene	0.821	0.893	-8.8	109	0.00
15 T	Acetone	1.103	0.973	11.8	98	0.00
16 T	1,3-Butadiene	0.411	0.441	-7.3	108	0.00
17	tert-Butyl alcohol	1.342	1.531	-14.1	113	0.00
18 T	1,1-Dichloroethene	0.840	0.889	-5.8	107	0.00
19 T	Isopropyl Alcohol	0.658	0.737	-12.0	109	0.00
20 T	Methylene Chloride	0.821	0.785	4.4	119	0.00
21 T	Allyl Chloride	0.517	0.600	-16.1	109	0.00
22 T	trans-1,2-Dichloroethene	0.894	0.932	-4.3	107	0.00
23 T	Vinyl Acetate	1.416	1.547	-9.3	106	0.00
24 T	1,1-Dichloroethane	1.457	1.524	-4.6	109	0.00
25 T	Ethyl Acetate	1.948	1.990	-2.2	108	0.00
26 T	Hexane	1.104	1.143	-3.5	109	0.00
27 T	Carbon Disulfide	1.584	1.906	-20.3	109	0.00
28 T	Methyl tert-Butyl Ether	1.924	2.137	-11.1	109	0.00
29 T	Chloroform	2.249	2.307	-2.6	107	0.00
30 T	Cyclohexane	1.183	1.316	-11.2	107	0.00
31 T	cis-1,2-Dichloroethene	1.133	1.234	-8.9	108	0.00
32 T	1,1,1-Trichloroethane	2.182	2.313	-6.0	107	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.297	0.309	-4.0	105	0.00
35 T	Carbon Tetrachloride	0.503	0.544	-8.2	105	0.00
36 T	Benzene	0.647	0.682	-5.4	108	0.00
37 T	1,2-Dichloroethane	0.309	0.320	-3.6	108	0.00
38 T	Trichloroethene	0.376	0.358	4.8	105	0.00
39 T	1,2-Dichloropropane	0.219	0.228	-4.1	107	0.00
40 T	1,4-Dioxane	0.109	0.120	-10.1	103	0.00
41 T	Tetrahydrofuran	0.157	0.177	-12.7	107	0.00
42 T	Bromodichloromethane	0.499	0.554	-11.0	107	0.00
43	Methyl Methacrylate	0.250	0.281	-12.4	106	0.00
44 T	2,2,4-Trimethylpentane	0.852	0.863	-1.3	106	0.00
45 T	t-1,3-Dichloropropene	0.254	0.321	-26.4	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.315	0.383	-21.6	108	0.00
47 T	1,1,2-Trichloroethane	0.323	0.336	-4.0	107	0.00
48 T	Dibromochloromethane	0.508	0.581	-14.4	104	0.00
49 T	Bromoform	0.460	0.552	-20.0	103	0.00
50 T	4-Methyl-2-Pentanone	0.430	0.460	-7.0	106	0.00
51 T	2-Hexanone	0.353	0.396	-12.2	104	0.00
52 T	Tetrachloroethene	0.378	0.363	4.0	102	0.00
53 T	Toluene	0.814	0.864	-6.1	106	0.00
54 T	1,2-Dibromoethane	0.510	0.536	-5.1	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.407	0.439	-7.9	105	0.00
57 T	Chlorobenzene	0.736	0.716	2.7	105	0.00
58 T	Ethyl Benzene	1.031	1.083	-5.0	105	0.00
59 T	m/p-Xylene	0.862	0.871	-1.0	105	0.00
60 T	o-Xylene	0.868	0.887	-2.2	104	0.00
61 T	Styrene	0.664	0.740	-11.4	104	0.00
62	Isopropylbenzene	1.394	1.368	1.9	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.673	0.637	5.3	107	0.00
64	n-propylbenzene	0.425	0.441	-3.8	103	0.00
65	tert-Butylbenzene	1.296	1.299	-0.2	104	0.00
66 T	Benzyl Chloride	0.322	0.457	-41.9#	104	0.00
67	sec-Butylbenzene	1.727	1.672	3.2	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.713	-0.4	100	0.00
69	p-Isopropyltoluene	1.514	1.477	2.4	102	0.00
70	n-Butylbenzene	1.459	1.436	1.6	103	0.00
71	2-Chlorotoluene	1.015	1.042	-2.7	104	0.00
72 T	4-Ethyltoluene	1.103	1.130	-2.4	102	0.00
73 T	1,3,5-Trimethylbenzene	1.020	1.055	-3.4	104	0.00
74 T	1,2,4-Trimethylbenzene	1.121	1.098	2.1	103	0.00
75 T	1,3-Dichlorobenzene	0.830	0.797	4.0	102	0.00
76 T	1,4-Dichlorobenzene	0.819	0.800	2.3	101	0.00
77 T	1,2-Dichlorobenzene	0.804	0.788	2.0	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.513	0.502	2.1	104	0.00
79 T	Naphthalene	1.243	1.338	-7.6	102	0.00
80 T	Naphthalene,2-methyl-	0.424	0.529	-24.8	100	0.00
81 T	1,2,4-Trichlorobenzene	0.745	0.769	-3.2	103	0.00

(#) = Out of Range

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