

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070620\
 Data File : VL035166.D
 Acq On : 7 Jul 2020 6:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 07 07:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 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	75	0.00
2 T	Dichlorodifluoromethane	1.350	1.275	5.6	82	0.00
3	Chlorodifluoromethane	1.105	1.132	-2.4	86	0.00
4	Chloromethane	0.619	0.656	-6.0	86	0.00
5 T	Vinyl Chloride	0.589	0.642	-9.0	86	0.00
6 T	Bromomethane	0.366	0.390	-6.6	86	0.00
7	Chloroethane	0.222	0.245	-10.4	89	0.00
8 T	Dichlorotetrafluoroethane	1.448	1.486	-2.6	87	0.00
9 T	Propene	0.437	0.488	-11.7	88	0.00
10 T	Heptane	1.134	1.290	-13.8	85	0.00
11 T	Trichlorofluoromethane	1.443	1.507	-4.4	88	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.998	1.076	-7.8	89	0.00
13	Ethanol	0.165	0.123	25.5	84	0.00
14 T	Bromoethene	0.430	0.485	-12.8	90	0.00
15 T	Acetone	1.209	1.185	2.0	90	0.00
16 T	1,3-Butadiene	0.530	0.590	-11.3	87	0.00
17	tert-Butyl alcohol	1.071	1.288	-20.3	94	0.00
18 T	1,1-Dichloroethene	0.450	0.494	-9.8	88	0.00
19 T	Isopropyl Alcohol	0.785	0.863	-9.9	91	0.00
20 T	Methylene Chloride	0.489	0.444	9.2	91	0.00
21 T	Allyl Chloride	0.719	0.849	-18.1	90	0.00
22 T	trans-1,2-Dichloroethene	0.421	0.489	-16.2	91	0.00
23 T	Vinyl Acetate	1.468	1.762	-20.0	90	0.00
24 T	1,1-Dichloroethane	1.237	1.306	-5.6	86	0.00
25 T	Ethyl Acetate	2.182	2.281	-4.5	87	0.00
26 T	Hexane	0.984	1.017	-3.4	87	0.00
27 T	Carbon Disulfide	1.018	1.382	-35.8#	97	0.00
28 T	Methyl tert-Butyl Ether	1.382	1.609	-16.4	90	0.00
29 T	Chloroform	1.539	1.566	-1.8	85	0.00
30 T	Cyclohexane	0.706	0.837	-18.6	84	0.00
31 T	cis-1,2-Dichloroethene	0.907	1.024	-12.9	85	0.00
32 T	1,1,1-Trichloroethane	1.428	1.540	-7.8	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
34 T	2-Butanone	0.574	0.607	-5.7	86	0.00
35 T	Carbon Tetrachloride	0.600	0.655	-9.2	87	0.00
36 T	Benzene	0.774	0.835	-7.9	85	0.00
37 T	1,2-Dichloroethane	0.489	0.505	-3.3	85	0.00
38 T	Trichloroethene	0.301	0.316	-5.0	82	0.00
39 T	1,2-Dichloropropane	0.303	0.328	-8.3	85	0.00
40 T	1,4-Dioxane	0.119	0.118	0.8	86	0.00
41 T	Tetrahydrofuran	0.293	0.338	-15.4	86	0.00
42 T	Bromodichloromethane	0.634	0.700	-10.4	85	0.00
43	Methyl Methacrylate	0.328	0.377	-14.9	84	0.00
44 T	2,2,4-Trimethylpentane	1.352	1.413	-4.5	84	0.00
45 T	t-1,3-Dichloropropene	0.319	0.420	-31.7#	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.396	0.501	-26.5	85	0.00
47 T	1,1,2-Trichloroethane	0.331	0.341	-3.0	83	0.00
48 T	Dibromochloromethane	0.493	0.575	-16.6	85	0.00
49 T	Bromoform	0.419	0.480	-14.6	81	0.00
50 T	4-Methyl-2-Pentanone	0.816	0.884	-8.3	84	0.00
51 T	2-Hexanone	0.639	0.709	-11.0	82	0.00
52 T	Tetrachloroethene	0.273	0.293	-7.3	84	0.00
53 T	Toluene	0.826	0.962	-16.5	85	0.00
54 T	1,2-Dibromoethane	0.489	0.512	-4.7	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.434	-6.1	85	0.00
57 T	Chlorobenzene	0.736	0.713	3.1	82	0.00
58 T	Ethyl Benzene	1.124	1.269	-12.9	84	0.00
59 T	m/p-Xylene	0.996	1.044	-4.8	83	0.00
60 T	o-Xylene	0.991	1.030	-3.9	82	0.00
61 T	Styrene	0.624	0.723	-15.9	81	0.00
62	Isopropylbenzene	1.479	1.515	-2.4	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.803	0.699	13.0	79	0.00
64	n-propylbenzene	0.378	0.397	-5.0	81	0.00
65	tert-Butylbenzene	1.267	1.307	-3.2	83	0.00
66 T	Benzyl Chloride	0.391	0.514	-31.5#	87	0.00
67	sec-Butylbenzene	1.816	1.869	-2.9	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.805	3.1	76	0.00
69	p-Isopropyltoluene	1.448	1.552	-7.2	84	0.00
70	n-Butylbenzene	1.560	1.663	-6.6	87	0.00
71	2-Chlorotoluene	1.118	1.164	-4.1	82	0.00
72 T	4-Ethyltoluene	1.103	1.203	-9.1	83	0.00
73 T	1,3,5-Trimethylbenzene	1.042	1.123	-7.8	83	0.00
74 T	1,2,4-Trimethylbenzene	1.163	1.169	-0.5	85	0.00
75 T	1,3-Dichlorobenzene	0.694	0.672	3.2	84	0.00
76 T	1,4-Dichlorobenzene	0.664	0.672	-1.2	84	0.00
77 T	1,2-Dichlorobenzene	0.635	0.657	-3.5	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.571	0.661	-15.8	108	0.00
79 T	Naphthalene	1.020	1.417	-38.9#	106	0.00
80 T	Naphthalene,2-methyl-	0.390	0.551	-41.3#	87	0.00
81 T	1,2,4-Trichlorobenzene	0.588	0.746	-26.9	104	0.00

(#) = Out of Range

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