

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070620\
 Data File : VL035143.D
 Acq On : 6 Jul 2020 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 07 05:24:37 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	89	0.00
2 T	Dichlorodifluoromethane	1.350	1.036	23.3	80	0.00
3	Chlorodifluoromethane	1.105	1.057	4.3	95	0.00
4	Chloromethane	0.619	0.591	4.5	93	0.00
5 T	Vinyl Chloride	0.589	0.605	-2.7	97	0.00
6 T	Bromomethane	0.366	0.372	-1.6	98	0.00
7	Chloroethane	0.222	0.232	-4.5	101	0.00
8 T	Dichlorotetrafluoroethane	1.448	1.399	3.4	98	0.00
9 T	Propene	0.437	0.428	2.1	92	0.00
10 T	Heptane	1.134	1.196	-5.5	94	0.00
11 T	Trichlorofluoromethane	1.443	1.476	-2.3	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.998	1.046	-4.8	104	0.00
13	Ethanol	0.165	0.123	25.5	100	0.00
14 T	Bromoethene	0.430	0.457	-6.3	101	0.00
15 T	Acetone	1.209	1.127	6.8	102	0.00
16 T	1,3-Butadiene	0.530	0.548	-3.4	96	0.00
17	tert-Butyl alcohol	1.071	1.259	-17.6	110	0.00
18 T	1,1-Dichloroethene	0.450	0.487	-8.2	103	0.00
19 T	Isopropyl Alcohol	0.785	0.870	-10.8	109	0.00
20 T	Methylene Chloride	0.489	0.425	13.1	103	0.00
21 T	Allyl Chloride	0.719	0.793	-10.3	100	0.00
22 T	trans-1,2-Dichloroethene	0.421	0.485	-15.2	108	0.00
23 T	Vinyl Acetate	1.468	1.584	-7.9	97	0.00
24 T	1,1-Dichloroethane	1.237	1.237	0.0	98	0.00
25 T	Ethyl Acetate	2.182	2.098	3.8	95	0.00
26 T	Hexane	0.984	0.939	4.6	96	0.00
27 T	Carbon Disulfide	1.018	1.275	-25.2	107	0.00
28 T	Methyl tert-Butyl Ether	1.382	1.486	-7.5	99	0.00
29 T	Chloroform	1.539	1.503	2.3	97	0.00
30 T	Cyclohexane	0.706	0.793	-12.3	95	0.00
31 T	cis-1,2-Dichloroethene	0.907	0.952	-5.0	94	0.00
32 T	1,1,1-Trichloroethane	1.428	1.475	-3.3	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.574	0.563	1.9	95	0.00
35 T	Carbon Tetrachloride	0.600	0.640	-6.7	100	0.00
36 T	Benzene	0.774	0.785	-1.4	95	0.00
37 T	1,2-Dichloroethane	0.489	0.495	-1.2	98	0.00
38 T	Trichloroethene	0.301	0.312	-3.7	96	0.00
39 T	1,2-Dichloropropane	0.303	0.306	-1.0	94	0.00
40 T	1,4-Dioxane	0.119	0.121	-1.7	104	0.00
41 T	Tetrahydrofuran	0.293	0.307	-4.8	92	0.00
42 T	Bromodichloromethane	0.634	0.677	-6.8	98	0.00
43	Methyl Methacrylate	0.328	0.357	-8.8	94	0.00
44 T	2,2,4-Trimethylpentane	1.352	1.350	0.1	95	0.00
45 T	t-1,3-Dichloropropene	0.319	0.406	-27.3	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.396	0.482	-21.7	97	0.00
47 T	1,1,2-Trichloroethane	0.331	0.333	-0.6	96	0.00
48 T	Dibromochloromethane	0.493	0.567	-15.0	99	0.00
49 T	Bromoform	0.419	0.489	-16.7	98	0.00
50 T	4-Methyl-2-Pentanone	0.816	0.833	-2.1	94	0.00
51 T	2-Hexanone	0.639	0.686	-7.4	94	0.00
52 T	Tetrachloroethene	0.273	0.285	-4.4	97	0.00
53 T	Toluene	0.826	0.918	-11.1	96	0.00
54 T	1,2-Dibromoethane	0.489	0.504	-3.1	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.439	-7.3	99	0.00
57 T	Chlorobenzene	0.736	0.721	2.0	96	0.00
58 T	Ethyl Benzene	1.124	1.270	-13.0	97	0.00
59 T	m/p-Xylene	0.996	1.052	-5.6	97	0.00
60 T	o-Xylene	0.991	1.045	-5.4	97	0.00
61 T	Styrene	0.624	0.742	-18.9	96	0.00
62	Isopropylbenzene	1.479	1.538	-4.0	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.803	0.739	8.0	97	0.00
64	n-propylbenzene	0.378	0.401	-6.1	96	0.00
65	tert-Butylbenzene	1.267	1.328	-4.8	98	0.00
66 T	Benzyl Chloride	0.391	0.540	-38.1#	105	0.00
67	sec-Butylbenzene	1.816	1.868	-2.9	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.836	-0.6	91	0.00
69	p-Isopropyltoluene	1.448	1.548	-6.9	97	0.00
70	n-Butylbenzene	1.560	1.611	-3.3	98	0.00
71	2-Chlorotoluene	1.118	1.185	-6.0	96	0.00
72 T	4-Ethyltoluene	1.103	1.204	-9.2	96	0.00
73 T	1,3,5-Trimethylbenzene	1.042	1.128	-8.3	97	0.00
74 T	1,2,4-Trimethylbenzene	1.163	1.173	-0.9	99	0.00
75 T	1,3-Dichlorobenzene	0.694	0.671	3.3	98	0.00
76 T	1,4-Dichlorobenzene	0.664	0.667	-0.5	97	0.00
77 T	1,2-Dichlorobenzene	0.635	0.630	0.8	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.571	0.528	7.5	100	0.00
79 T	Naphthalene	1.020	1.143	-12.1	99	0.00
80 T	Naphthalene,2-methyl-	0.390	0.557	-42.8#	102	0.00
81 T	1,2,4-Trichlorobenzene	0.588	0.616	-4.8	100	0.00

(#) = Out of Range

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